SIKES'S
HYDROMETER TABLES.

LOFTUS, LONDON.

TABLES

OF THE

CONCENTRATED STRENGTH

OF

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BY

SIKES'S HYDROMETER,

AS USED BY THE OFFICERS

OF THE

EXCISE BRANCH OF THE INLAND REVENUE.

TABLES

OF THE

CONCENTRATED STRENGTH OF SPIRITS

BY

SIKES'S HYDROMETER,

AS USED BY THE OFFICERS OF THE EXCISE BRANCH OF

THE INLAND REVENUE.

DIRECTIONS

The Tables

ASCERTAINING THE CONCENTRATED STRENGTH OF SPIRITS

SIKES'S HYDROMETER.

HAVING poured a sample of the spirits intended to be tried into the trial-glass, you must ascertain the temperature of the fluid by immersing the thermometer therein ; stir the sample, and wait till the quicksilver remains stationary, and the degree shown on the thermometer scale is the temperature of the spirits.

The various degrees of temperature are indicated at the top of each page, commencing with 30° and ending with 80° of Fahrenheit's thermometer.

Then open the book at the temperature indicated, and apply a weight to the stem of the hydrometer below the ball

and immerse it in the spirits, pressing it down to 0 on the stem; if the right weight has been selected it will float to some division on the upper stem, the sum of which, added to that of the weight attached, is called the indication, and opposite thereto in the Table will be found the true strength of the spirit. For example: If the hydrometer with the weight 20 sinks to 28 (the temperature being 40°), the strength opposite is 45.7 per cent. over proof. If at temperature 51° you apply the weight 40, and it floats to three divisions on the stem, opposite 43 will be found 25.1 O. P., the true strength of the spirit.

The Use of the Comparative Rule

WITH

SIKES'S HYDROMETER.

FOR

SHOWING THE COMPARATIVE VALUE, TAKING STOCKS, AND REDUCING SPIRITS FROM ONE STRENGTH TO ANOTHER.

THIS RULE shows on the side A B, the comparative value of spirits; and on the side C C C, the quantity of water requisite for reducing from one strength to another. Upon the middle or sliding part the different strengths, from 70 per cent. under proof to 70 per cent. over proof, are laid down; and upon the side which shows the comparative value, the line A denotes shillings, from six to thirty shillings per gallon, and the line B from one shilling and sixpence to eight shillings per gallon. The left of proof on this Rule is under proof, and the right is over proof.

EXAMPLES.

Suppose a spirit 20 per cent. over proof worth eighteen shillings per gallon: place the slide so that 20 per cent. over proof shall be facing eighteen shillings upon the line A, then opposite every other strength will be found the value in proportion thereto ; proof will be worth fifteen shillings per gallon ; 10 per cent under proof, thirteen and sixpence per gallon. Again, suppose 10 per cent. over proof worth twelve shillings and sixpence per gallon, place the slide so that 10 per cent. over proof shall be facing twelve shillings and sixpence upon the line A, then the comparative value of proof will be eleven shillings and fourpence halfpenny per gallon; 10 per cent. under proof, ten shillings and twopence three farthings ; 20 per cent. under proof, nine shillings and one penny per gallon. On the line B, if proof spirit cost five shillings per gallon, then 20 per cent. under proof will be worth four shillings per gallon, &c., &c.

On the other side, the lines C C, divided upon the upper part from 300 to 60, and below from 100 to 20, denote gallons, to facilitate the reducing of spirits. As an example, if 130 gallons of spirits, 40 per cent. over proof, are required to be reduced to proof, place the slide so that 40 per cent. over proof shall be opposite to 130, upon the upper line C, then facing proof upon the same line will be found 182, the number of gallons it is to be made up to. If 100 gallons of spirits, 20 per cent. over proof, are to be reduced to 20 per cent. under proof, fix the Rule so that 20 per cent. over proof shall be opposite 100, then facing 20 per cent. under proof will be found 150, the quantity required. Again, if the cask of 120 gallons is to be filled with a spirit 35 per cent. under proof, place 30 per cent. under proof opposite 120, then the number of gallons of any superior strength

requisite to be put into cask is immediately shown by in-spection. If the spirits are 10 per cent. under proof, facing 10 per cent. under will be found 93 gallons and one-third, the quantity required; if the spirits are proof, opposite proof will be found 84 gallons, the quantity requisite; if 20 per cent. over proof, 70 will be the quantity of spirits, &c. &c., the remainder to be made up with water.

By this side of the Rule stocks may be taken and charges estimated, by placing the strength opposite the quantity; then opposite the strength the stock is to be taken at will be found the exact quantity of such spirit.

Suppose in 300 gallons of spirit, 50 per cent. under proof, how many gallons of 28 under proof? Place 50 on the slide to 300 on the upper line, then opposite to 28 per cent. under proof will be found 208, the number of gallons contained in 300 at that strength, &c.: for lesser quantities than 20 gallons —100 can count for 10, 180 for 18, 90 for 9, &c., to any smaller quantity required.

The hydrometer is fitted up either with ivory or boxwood Rules, or without Rules, at the option of the purchaser.

In the event of sending the hydrometer from the country to be repaired or re-adjusted, it is advisable not to send the thermometer (unless it is broken), as that part of the instru-ment is not required, and is the only one likely to get injured in the carriage.

TABLES

CONCENTRATED STRENGTH OF SPIRITS

BY

SIKES'S HYDROMETER.

TEMPERATURE 30°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	65.4	20.	56.3	30.	46.2	40.	34.9
.2	—	.2	65.2	.2	56.1	.2	46.0	.2	34.7
.4	—	.4	65.0	.4	55.9	.4	45.8	.4	34.4
.6	—	.6	64.9	.6	55.8	.6	45.6	.6	34.2
.8	—	.8	64.7	.8	55.6	.8	45.4	.8	33.9
1.	—	11.	64.5	21.	55.4	31.	45.2	41.	33.7
.2	—	.2	64.3	.2	55.2	.2	45.0	.2	33.5
.4	—	.4	64.1	.4	55.0	.4	44.8	.4	33.2
.6	—	.6	64.0	.6	54.8	.6	44.5	.6	33.0
.8	—	.8	63.8	.8	54.6	.8	44.3	.8	32.7
2.	—	12.	63.6	22.	54.4	32.	44.1	42.	32.5
.2	—	.2	63.4	.2	54.2	.2	43.9	.2	32.3
.4	—	.4	63.2	.4	54.0	.4	43.7	.4	32.0
.6	—	.6	63.1	.6	53.8	.6	43.4	.6	31.8
.8	—	.8	62.9	.8	53.6	.8	43.2	.8	31.5
3.	—	13.	62.7	23.	53.4	33.	43.0	43.	31.3
.2	—	.2	62.5	.2	53.2	.2	42.8	.2	31.0
.4	—	.4	62.3	.4	53.0	.4	42.6	.4	30.8
.6	—	.6	62.2	.6	52.8	.6	42.3	.6	30.5
.8	--	.8	62.0	.8	52.6	.8	42.1	.8	30.3
4.	—	14.	61.8	24.	52.4	34.	41.9	44.	30.0
.2	—	.2	61.6	.2	52.2	.2	41.7	.2	29.8
.4	—	.4	61.4	.4	52.0	.4	41.5	.4	29.5
.6	70.0	.6	61.3	.6	51.8	.6	41.2	.6	29.3
.8	69.8	.8	61.1	.8	51.6	.8	41.0	.8	29.0
5.	69.6	15.	60.9	25.	51.4	35.	40.8	45.	28.8
.2	69.4	.2	60.7	.2	51.2	.2	40.6	.2	28.5
.4	69.3	.4	60.5	.4	51.0	.4	40.3	.4	28.3
.6	69.1	.6	60.4	.6	50.8	.6	40.1	.6	28.0
.8	69.0	.8	60.2	.8	50.6	.8	39.8	.8	27.8
6.	68.8	16.	60.0	26.	50.4	36.	39.7	46.	27.5
.2	68.6	.2	59.8	.2	50.2	.2	39.4	.2	27.2
.4	68.4	.4	59.6	.4	50.0	.4	39.1	.4	26.9
.6	68.3	.6	59.5	.6	49.8	.6	38.9	.6	26.7
.8	68.1	.8	59.3	.8	49.6	.8	38.6	.8	26.4
7.	67.9	17.	59.1	27.	49.4	37.	38.4	47.	26.1
.2	67.7	.2	58.9	.2	49.2	.2	38.2	.2	25.8
.4	67.6	.4	58.7	.4	49.0	.4	37.9	.4	25.6
.6	67.4	.6	58.6	.6	48.7	.6	37.7	.6	25.3
.8	67.3	.8	58.4	.8	48.5	.8	37.4	.8	25.1
8.	67.1	18.	58.2	28.	48.3	38.	37.2	48.	24.8
.2	66.9	.2	58.0	.2	48.1	.2	37.0	.2	24.5
.4	66.7	.4	57.8	.4	47.9	.4	36.8	.4	24.3
.6	66.6	.6	57.7	.6	47.7	.6	36.5	.6	24.0
.8	66.4	.8	57.5	.8	47.5	.8	36.3	.8	23.8
9.	66.2	19.	57.3	29.	47.3	39.	36.1	49.	23.5
.2	66.0	.2	57.1	.2	47.1	.2	35.9	.2	23.2
.4	65.9	.4	56.9	.4	46.9	.4	35.6	.4	23.0
.6	65.7	.6	56.7	.6	46.6	.6	35.4	.6	22.7
.8	65.6	.8	56.5	.8	46.4	.8	35.1	.8	22.5
10.	65.4	20.	56.3	30.	46.2	40.	34.9	50.	22.2

TEMPERATURE 30°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	22.2	60.	8.0	70.	8.3	80.	29.2	90.	66.8
.2	21.9	.2	7.7	.2	8.7	.2	29.7	.2	67.7
.4	21.7	.4	7.4	.4	9.0	.4	30.2	.4	68.6
.6	21.4	.6	7.1	.6	9.4	.6	30.7	.6	69.4
.8	21.2	.8	6.8	.8	9.7	.8	31.2	.8	70.3
51.	20.9	61.	6.5	71.	10.1	81.	31.7	91.	71.2
.2	20.6	.2	6.2	.2	10.5	.2	32.3	.2	72.1
.4	20.3	.4	5.9	.4	10.8	.4	32.8	.4	72.9
.6	20.1	.6	5.6	.6	11.2	.6	33.4	.6	73.8
.8	19.8	.8	5.3	.8	11.5	.8	33.9	.8	74.6
52.	19.5	62.	5.0	72.	11.9	82.	34.5	92.	75.5
.2	19.2	.2	4.7	.2	12.3	.2	35.1	.2	76.3
.4	18.9	.4	4.4	.4	12.7	.4	35.7	.4	77.1
.6	18.7	.6	4.0	.6	13.0	.6	36 3	.6	77.8
.8	18.4	.8	3.7	.8	13.4	.8	36.9	.8	78.6
53.	18.1	63.	3.4	73.	13.8	83.	37.5	93.	79.4
.2	17.8	.2	3.1	.2	14.2	.2	38.1	.2	80.1
.4	17.5	.4	2.8	.4	14.6	.4	38.7	.4	80.8
.6	17.3	.6	2.5	.6	15.0	.6	39.4	.6	81.5
.8	17.0	.8	2.2	.8	15.4	.8	40.0	.8	82.2
54.	16.7	64.	1.9	74.	15.8	84.	40.6	94.	82.9
.2	16.4	.2	1.6	.2	16.2	.2	41.3	.2	83.6
.4	16.1	.4	1.3	.4	16.6	.4	42.0	.4	84.3
.6	15.9	.6	.9	.6	17.0	.6	42.8	.6	84.9
.8	15.6	.8	.6	.8	17.4	.8	43.5	.8	85.6
55.	15.3	65.	.3	75.	17.8	85.	44.2	95.	86.3
.2	15.0	.2		.2	18.2	.2	44.9	.2	86.9
.4	14.7	.4	.4	.4	18.6	.4	45.7	.4	87.5
.6	14.5	.6	.7	.6	19.1	.6	46.4	.6	88.2
.8	14.2	.8	1.1	.8	19.5	.8	47.2	.8	88.8
56.	13.9	66.	1.4	76.	19.9	86.	47.9	96.	89.4
.2	13.6	.2	1.7	.2	20.3	.2	48.8	.2	90.0
.4	13.3	.4	2.1	.4	20.7	.4	49.6	.4	90.6
.6	13.1	.6	2.4	.6	21.2	.6	50.5	.6	91.1
.8	12.8	.8	2.8	.8	21.6	.8	51.3	.8	91.7
57.	12.5	67.	3.1	77.	22.0	87.	52.3	97.	92.3
.2	12.2	.2	3.4	.2	22.5	.2	53.2	.2	92.8
.4	11.9	.4	3.8	.4	22.9	.4	54.1	.4	93.4
.6	11.6	.6	4.1	.6	23.4	.6	55.1	.6	93.9
.8	11.3	.8	4.5	.8	23.8	.8	56.0	.8	94.5
58.	11.0	68.	4.8	78.	24.3	88.	57.0	98.	95.0
.2	10.7	.2	5.2	.2	24.8	.2	58.0	.2	95.5
.4	10.4	.4	5.5	.4	25.3	.4	59.0	.4	96.0
.6	10.1	.6	5.9	.6	25.7	.6	59.9	.6	96.6
.8	9.8	.8	6.2	.8	26.2	.8	60.9	.8	97.1
59.	9.5	69.	6.6	79.	26.7	89.	61.9	99.	97.6
.2	9.2	.2	6.9	.2	27.2	.2	62.9	.2	98.1
.4	8.9	.4	7.3	.4	27.7	.4	63.9	.4	98.6
.6	8.6	.6	7.6	.6	28.2	.6	64.8	.6	99.0
.8	8.3	.8	8.0	.8	28.7	.8	65.8	.8	99.5
60.	8.0	70.	8.3	80.	29.2	90.	66.8	100.	———

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TEMPERATURE 31°.

Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	65.1	20.	56.0	30.	46.0	40.	34.6
.2	—	.2	64.9	.2	55.8	.2	45.8	.2	34.4
.4	—	.4	64.8	.4	55.6	.4	45.6	.4	34.2
.6	—	.6	64.6	.6	55.5	.6	45.3	.6	33.9
.8	—	.8	64.5	.8	55.3	.8	45.1	.8	33.7
1.	—	11.	64.3	21.	55.1	31.	44.9	41.	33.5
.2	—	.2	64.1	.2	54.9	.2	44.7	.2	33.2
.4	—	.4	63.9	.4	54.7	.4	44.5	.4	33.0
.6	—	.6	63.8	.6	54.5	.6	44.2	.6	32.7
.8	—	.8	63.6	.8	54.3	.8	44.0	.8	32.5
2.	—	12.	63.4	22.	54.1	32.	43.8	42.	32.2
.2	—	.2	63.2	.2	53.9	.2	43.6	.2	32.0
.4	—	.4	63.0	.4	53.7	.4	43.4	.4	31.7
.6	—	.6	62.9	.6	53.5	.6	43.1	.6	31.5
.8	—	.8	62.7	.8	53.3	.8	42.9	.8	31.2
3.	—	13.	62.4	23.	53.1	33.	42.7	43.	31.0
.2	—	.2	62.3	.2	52.9	.2	42.5	.2	30.7
.4	—	.4	62.1	.4	52.7	.4	42.3	.4	30.5
.6	—	.6	62.0	.6	52.6	.6	42.0	.6	30.2
.8	—	.8	61.8	.8	52.4	.8	41.8	.8	30.0
4.	—	14.	61.6	24.	52.2	34.	41.6	44.	29.7
.2	—	.2	61.4	.2	52.0	.2	41.4	.2	29.5
.4	69.9	.4	61.2	.4	51.8	.4	41.2	.4	29.2
.6	69.8	.6	61.1	.6	51.6	.6	40.9	.6	29.0
.8	69.6	.8	60.9	.8	51.4	.8	40.7	.8	28.7
5.	69.4	15.	60.7	25.	51.2	35.	40.5	45.	28.5
.2	69.2	.2	60.5	.2	51.0	.2	40.3	.2	28.2
.4	69.0	.4	60.3	.4	50.8	.4	40.1	.4	28.0
.6	68.9	.6	60.2	.6	50.5	.6	39.8	.6	27.7
.8	68.7	.8	60.0	.8	50.3	.8	39.6	.8	27.5
6.	68.5	16.	59.8	26.	50.1	36.	39.4	46.	27.2
.2	68.3	.2	59.6	.2	49.9	.2	39.1	.2	26.9
.4	68.2	.4	59.4	.4	49.7	.4	38.9	.4	26.7
.6	68.0	.6	59.3	.6	49.5	.6	38.6	.6	26.4
.8	67.9	.8	59.1	.8	49.3	.8	38.4	.8	26.2
7.	67.7	17.	58.9	27.	49.1	37.	38.1	47.	25.9
.2	67.5	.2	58.7	.2	48.9	.2	37.9	.2	25.6
.4	67.3	.4	58.5	.4	48.7	.4	37.7	.4	25.4
.6	67.2	.6	58.4	.6	48.5	.6	37.4	.6	25.1
.8	67.0	.8	58.2	.8	48.3	.8	37.2	.8	24.9
8.	66.8	18.	58.0	28.	48.1	38.	37.0	48.	24.6
.2	66.6	.2	57.8	.2	47.9	.2	36.8	.2	24.3
.4	66.5	.4	57.6	.4	47.7	.4	36.6	.4	24.0
.6	66.3	.6	57.4	.6	47.4	.6	36.3	.6	23.8
.8	66.2	.8	57.2	.8	47.2	.8	36.1	.8	23.5
9.	66.0	19.	57.0	29.	47.0	39.	35.9	49.	23.2
.2	65.8	.2	56.8	.2	46.8	.2	35.6	.2	22.9
.4	65.6	.4	56.6	.4	46.6	.4	35.4	.4	22.7
.6	65.5	.6	56.4	.6	46.4	.6	35.1	.6	22.4
.8	65.3	.8	56.2	.8	46.2	.8	34.9	.8	22.2
10.	65.1	20.	56.0	30.	46.0	40.	34.6	50.	21.9

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.9	60.	7.7	70.	8.6	80.	29.5	90.	66.9
.2	21.6	.2	7.4	.2	9.0	.2	30.0	.2	67.8
.4	21.3	.4	7.1	.4	9.3	.4	30.5	.4	68.7
.6	21.1	.6	6.8	.6	9.7	.6	31.1	.6	69.5
.8	20.8	.8	6.5	.8	10.0	.8	31 6	.8	70.4
51.	20.5	61.	6.2	71.	10.4	81.	32.1	91.	71.3
.2	20.2	.2	5.9	.2	10.8	,2	32.6	.2	72.2
.4	20.0	.4	5.6	.4	11.2	.4	33.2	.4	73.0
.6	19.7	.6	5.3	.6	11.5	.6	33.7	.6	73.9
.8	19.5	.8	5.0	.8	11.9	.8	34.3	.8	74.7
52.	19.2	62.	4.7	72.	12.3	82.	34.8	92.	75.6
.2	18.9	.2	4.4	.2	12.7	.2	35.4	.2	76.4
.4	18.6	.4	4.1	.4	13.1	.4	36.0	.4	77.1
.6	18.4	.6	3.8	.6	13.4	.6	36.6	.6	77.9
.8	18.1	.8	3.5	.8	13.8	.8	37.2	.8	78.6
53.	17.9	63.	3.2	73.	14.2	83.	37.8	93.	79 4
.2	17.5	.2	2.9	.2	14.6	.2	38.4	.2	80.1
.4	17.2	.4	2.6	.4	15.0	.4	39.0	.4	80.8
.6	17.0	.6	2.2	.6	15.3	.6	39.7	.6	81.6
.8	16.7	.8	1.9	.8	15.7	.8	40.3	.8	82.3
54.	16.4	64.	1.6	74.	16.1	84.	40.9	94.	83.0
.2	16.1	.2	1.3	.2	16.5	.2	41.6	.2	83.7
.4	15.8	.4	·9	.4	16.9	.4	42.3	.4	84.3
.6	15.6	.6	.6	.6	17.4	.6	43.1	.6	85.0
.8	15.3	.8	.2	.8	17.8	.8	43.8	.8	85.6
55.	15.0	65.	·1	75.	18.2	85.	44.5	95.	86.3
.2	14.7	.2	·4	.2	18.6	.2	45.2	.2	86.9
.4	14.4	.4	·7	.4	19.0	.4	46.0	.4	87.5
.6	14.2	.6	1.1	.6	19.5	.6	46.7	.6	88.2
.8	13.9	.8	1.4	.8	19.9	.8	47.5	.8	88.8
56.	13.6	66.	1.7	76.	20.3	86.	48.2	96.	89.4
.2	13.3	.2	2.0	.2	20.7	.2	49.1	.2	90.0
.4	13.0	.4	2·4	.4	21.1	.4	49.9	.4	90.6
.6	12.7	.6	2.7	.6	21.6	.6	50.8	.6	91.1
.8	12.4	.8	3.1	.8	22.0	.8	51.6	.8	91.7
57.	12.1	67.	3.4	77.	22.4	87.	52.5	97.	92.3
.2	11.8	.2	3.7	.2	22.9	.2	53.5	.2	92.8
.4	11.5	.4	4.1	.4	23.3	.4	54.4	.4	93.4
.6	11.3	.6	4.4	.6	23.8	.6	55.4	.6	93.9
.8	11.0	.8	4.8	.8	24.2	.8	56.3	.8	94.5
58.	10.7	68.	5.1	78.	24.7	88.	57.3	98.	95.0
.2	10.4	.2	5.5	.2	25.2	.2	58.3	.2	95.5
.4	10.1	.4	5.8	.4	25.6	.4	59.3	.4	96.0
.6	9.8	.6	6.2	.6	26.1	.6	60.2	.6	96.6
.8	9.5	.8	6.5	.8	26.5	.8	61.2	.8	97.1
59.	9.2	69.	6.9	79.	27.0	89.	62.2	99.	97.6
.2	8.9	.2	7.2	.2	27.5	.2	63.1	.2	98.1
.4	8.6	.4	7.6	.4	28.0	.4	64.1	.4	98.6
.6	8.3	.6	7.9	.6	28.5	.6	65.0	.6	99.0
.8	8.0	.8	8.3	.8	29.0	.8	66.0	.8	99.5
60.	7.7	70.	8.6	80.	29.5	90.	66.9	100.	—

TEMPERATURE 32°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.9	20.	55.8	30.	45.7	40.	34.4
.2	--	.2	64.7	.2	55.6	.2	45.5	.2	34.2
.4	—	.4	64.5	.4	55.4	.4	45.3	.4	33.9
.6	—	.6	64.4	.6	55.2	.6	45.0	.6	33.7
.8	—	.8	64.2	.8	55.0	.8	44.8	.8	33.4
1.	—	11.	64.0	21.	54.8	31.	44.6	41.	33.2
.2	—	.2	63.8	.2	54.6	.2	44.4	.2	32.9
.4	—	.4	63.6	.4	54.4	.4	44.2	.4	32.7
.6	—	.6	63.5	.6	54.3	.6	43.9	.6	32.4
.8	—	.8	63.3	.8	54.1	.8	43.7	.8	32.2
2.	—	12.	63.1	22.	53.9	32.	43.5	42.	31.9
.2	—	.2	62.9	.2	53.7	.2	43.3	.2	31.7
.4	—	.4	62.7	.4	53.5	.4	43.1	.4	31.4
.6	—	.6	62.6	.6	53.3	.6	42.8	.6	31.2
.8	—	.8	62.4	.8	53.1	.8	42.6	.8	30.9
3.	—	13.	62.2	23.	52.9	33.	42.4	43.	30.7
.2	—	.2	62.0	.2	52.7	.2	42.2	.2	30.4
.4	—	.4	61.9	.4	52.5	.4	42.0	.4	30.2
.6	—	.6	61.7	.6	52.3	.6	41.7	.6	29.9
.8	—	.8	61.6	.8	52.1	.8	41.5	.8	29.7
4.	70.0	14.	61.4	24.	51.9	34.	41.3	44.	29.4
.2	69.8	.2	61.2	.2	51.7	.2	41.1	.2	29.2
.4	69.6	.4	61.0	.4	51.5	.4	40.9	.4	28.9
.6	69.5	.6	60.9	.6	51.4	.6	40.6	.6	28.7
.8	69.3	.8	60.7	.8	51.2	.8	40.4	.8	28.4
5.	69.1	15.	60.5	25.	51.0	35.	40.2	45.	28.2
.2	68.9	.2	60.3	.2	50.8	.2	40.0	.2	27.9
.4	68.8	.4	60.1	.4	50.6	.4	39.8	.4	27.7
.6	68.6	.6	60.0	.6	50.3	.6	39.5	.6	27.4
.8	68.5	.8	59.8	.8	50.1	.8	39.3	.8	27.2
6.	68.3	16.	59.6	26.	49.9	36.	39.1	46.	26.9
.2	68.1	.2	59.4	.2	49.7	.2	38.9	.2	26.6
.4	67.9	.4	59.2	.4	49.5	.4	38.6	.4	26.4
.6	67.8	.6	59.0	.6	49.3	.6	38.4	.6	26.1
.8	67.6	.8	58.8	.8	49.1	.8	38.1	.8	25.9
7.	67.4	17.	58.6	27.	48.9	37.	37.9	47.	25.6
.2	67.2	.2	58.4	.2	48.7	.2	37.7	.2	25.3
.4	67.1	.4	58.2	.4	48.5	.4	37.4	.4	25.1
.6	66.9	.6	58.1	.6	48.2	.6	37.2	.6	24.8
.8	66.8	.8	57.9	.8	48.0	.8	36.9	.8	24.6
8.	66.6	18.	57.7	28.	47.8	38.	36.7	48.	24.3
.2	66.4	.2	57.5	.2	47.6	.2	36.5	.2	24.0
.4	66.3	.4	57.3	.4	47.4	.4	36.3	.4	23.8
.6	66.1	.6	57.2	.6	47.1	.6	36.0	.6	23.5
.8	66.0	.8	57.0	.8	46.9	.8	35.8	.8	23.3
9.	65.8	19.	56.8	29.	46.7	39.	35.6	49.	23.0
.2	65.6	.2	56.6	.2	46.5	.2	35.4	.2	22.7
.4	65.4	.4	56.4	.4	46.3	.4	35.8	.4	22.4
.6	65.3	.6	56.2	.6	46.1	.6	34.9	.6	22.2
.8	65.1	.8	56.0	.8	45.9	.8	34.6	.8	21.9
10.	64.9	20.	55.8	30.	45.7	40.	34.4	50.	21.6

TEMPERATURE 32°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.6	60.	7.4	70.	9.0	80.	29.9	90.	67.1
.2	21 3	.2	7.1	.2	9.4	.2	30.4	.2	68.0
.4	21.0	.4	6.8	.4	9.7	.4	30.9	.4	68.9
.6	20.8	.6	6.5	.6	10.1	.6	31.4	.6	69.7
.8	20.5	.8	6.2	.8	10.4	.8	31.9	.8	70.6
51.	20.2	61.	5.9	71.	10.8	81.	32.4	91.	71.5
.2	19.9	.2	5.6	.2	11.2	.2	33.0	.2	72.3
.4	19.7	.4	5.3	.4	11.5	.4	33.5	.4	73.1
.6	19.4	.6	5.0	.6	11.9	.6	34.1	.6	74.0
.8	19.2	.8	4.7	.8	12.2	.8	34.6	.8	74.8
52.	18.9	62.	4.4	72.	12.6	82.	35.2	92.	75.6
.2	18.6	.2	4.1	.2	13.0	.2	35.8	.2	76.4
.4	18.3	.4	3.8	.4	13.4	.4	36.4	.4	77.2
.6	18.1	.6	3.4	.6	13.7	.6	36.9	.6	77.9
.8	17.8	.8	3 1	.8	14.1	.8	37.5	.8	78.7
53.	17.5	63.	2.8	73.	14 5	83.	38.1	93.	79.5
.2	17.2	.2	2.5	.2	14.9	.2	38.7	.2	80.2
.4	16.9	.4	2.2	.4	15.3	.4	39.4	.4	80.9
.6	16.7	.6	1.8	.6	15.6	.6	40.0	.6	81.6
.8	16.4	.8	1.5	.8	16.0	.8	40.7	.8	82.3
54.	16.1	64.	1.2	74.	16.4	84.	41.3	94.	83.0
.2	15.8	.2	.9	.2	16.8	.2	42.0	.2	83.7
.4	15.5	.4	.6	.4	17.2	.4	42.7	.4	84.3
.6	15.3	.6	.2	.6	17.7	.6	43.5	.6	85.0
.8	15.0	.8	.1	.8	18.1	.8	44.2	.8	85.6
55.	14.7	65.	.4	75.	18.5	85.	44.9	95.	86.3
.2	14.4	.2	.7	.2	18.9	.2	45.6	.2	86.9
.4	14.1	.4	1.0	.4	19.3	.4	46.4	.4	87.5
.6	13.8	.6	1.4	.6	19.8	.6	47.1	.6	88.2
.8	13.5	.8	1.7	.8	20.2	.8	47.9	.8	88.8
56	13.2	66.	2.0	76.	20.6	86.	48.6	96.	89.4
.2	12.9	.2	2.3	.2	21.0	.2	49.5	.2	90.0
.4	12.6	.4	2.7	.4	21.4	.4	50.3	.4	90.5
.6	12.4	.6	3.0	.6	21.9	.6	51.2	.6	91.1
.8	12.1	.8	3.4	.8	22.3	.8	52.0	.8	91.6
57.	11.8	67.	3.7	77.	22.7	87.	52.9	97.	92.2
.2	11.5	.2	4.0	.2	23.2	.2	53.9	.2	92.8
.4	11.2	.4	4.4	.4	23.6	.4	54.8	.4	93.3
.6	11.0	.6	4.7	.6	24.1	.6	55.8	.6	93.9
.8	10.7	.8	5.1	.8	24.5	.8	56.7	.8	94.4
58.	10.4	68.	5.4	78.	25.0	88.	57.7	98.	95.0
.2	10.1	.2	5.8	.2	25.5	.2	58.7	.2	95.5
.4	9.8	.4	6.1	.4	26.0	.4	59.6	.4	96.0
.6	9.5	.6	6.5	.6	26.4	.6	60.6	.6	96.5
.8	9.2	.8	6.8	.8	26.9	.8	61.5	.8	97.0
59.	8.9	69.	7.2	79.	27.4	89.	62.5	99.	97.5
.2	8.6	.2	7.6	.2	27.9	.2	63.4	.2	98.0
.4	8.3	.4	7.9	.4	28.4	.4	64.3	.4	98.5
.6	8.0	.6	8.3	.6	28.9	.6	65.3	.6	99.0
.8	7.7	.8	8.6	.8	29.4	.8	66.2	.8	99.5
60.	7.4	70.	9.0	80.	29.9	90.	67.1	100.	100.0

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.6	20.	55.5	30.	45.5	40.	34.1
.2	—	.2	64.4	.2	55.3	.2	45.3	.2	33.9
.4	—	.4	64.3	.4	55.1	.4	45.1	.4	33.6
.6	—	.6	64.1	.6	55.0	.6	44.8	.6	33.4
.8	—	.8	64.0	.8	54.8	.8	44.6	.8	33.1
1.	—	11.	63.8	21.	54.6	31.	44.4	41.	32.9
.2	—	.2	63.6	.2	54.4	.2	44.2	.2	32.6
.4	—	.4	63.4	.4	54.2	.4	44.0	.4	32.4
.6	—	.6	63.3	.6	54.1	.9	43.7	.6	32.1
.8	—	.8	63.1	.8	53.9	.8	43.5	.8	31.9
2.	—	12.	62.9	22.	53.7	32.	43.3	42.	31.6
.2	—	.2	62.7	.2	53.5	.2	43.1	.2	31.4
.4	—	.4	62.5	.4	53.3	.4	42.8	.4	31.1
.6	—	.6	62.4	.6	53.1	.6	42.6	.6	30.9
.8	—	.8	62.2	.8	52.9	.8	42.3	.8	30.6
3.	—	13.	62.0	23.	52.7	33.	42.1	43.	30.4
.2	—	.2	61.8	.2	52.5	.2	41.9	.2	30.1
.4	—	.4	61.6	.4	52.3	.4	41.7	.4	29.9
.6	—	.6	61.5	.6	52.1	.6	41.4	.6	29.6
.8	70.0	.8	61.3	.8	51.9	.8	41.2	.8	29.4
4.	69.8	14.	61.1	24.	51.7	34.	41.0	44.	29.1
.2	69.6	.2	60.9	.2	51.5	.2	40.8	.2	28.9
.4	69.4	.4	60.7	.4	51.3	.4	40.6	.4	28.6
.6	69.3	.6	60.6	.6	51.1	.6	40.4	.6	28.4
.8	69.1	.8	60.4	.8	50.9	.8	40.2	.8	28.1
5.	68.9	15.	60.2	25.	50.7	35.	40.0	45.	27.9
.2	68.7	.2	60.0	.2	50.5	.2	39.8	.2	27.6
.4	68.6	.4	59.8	.4	50.3	.4	39.5	.4	27.4
.6	68.4	.6	59.7	.6	50.1	.6	39.3	.6	27.1
.8	68.3	.8	59.5	.8	49.9	.8	39.0	.8	26.9
6.	68.1	16.	59.3	26.	49.7	36.	38.8	46.	26.6
.2	67.9	.2	59.1	.2	49.5	.2	38.6	.2	26.3
.4	67.7	.4	58.9	.4	49.3	.4	38.3	.4	26.1
.6	67.6	.6	58.8	.6	49.0	.6	38.1	.6	25.8
.8	67.4	.8	58.6	.8	48.8	.8	37.8	.8	25.6
7.	67.2	17.	58.4	27.	48.7	37.	37.6	47.	25.3
.2	67.0	.2	58.2	.2	48.4	.2	37.4	.2	25.0
.4	66.9	.4	58.0	.4	48.2	.4	37.1	.4	24.8
.6	66.7	.6	57.8	.6	47.9	.6	36.9	.6	24.5
.8	66.6	.8	57.6	.8	47.7	.8	36.6	.8	24.3
8.	66.4	18.	57.4	28.	47.5	38.	36.4	48.	24.0
.2	66.2	.2	57.2	.2	47.3	.2	36.2	.2	23.7
.4	66.0	.4	57.0	.4	47.1	.4	36.0	.4	23.5
.6	65.9	.6	56.9	.6	46.9	.6	35.7	.6	23.2
.8	65.7	.8	56.7	.8	46.7	.8	35.5	.8	23.0
9.	65.5	19.	56.5	29.	46.5	39.	35.3	49.	22.7
.2	65.3	.2	56.3	.2	46.3	.2	35.1	.2	22.4
.4	65.1	.4	56.1	.4	46.1	.4	34.8	.4	22.1
.6	65.0	.6	55.9	.6	45.9	.6	34.6	.6	21.9
.8	64.8	.8	55.7	.8	45.7	.8	34.3	.8	21.6
10.	64.6	20.	55.5	30.	45.5	40.	34.1	50.	21.3

TEMPERATURE 33°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.3	60.	7.1	70.	9.3	80.	30.2	90.	67.3
.2	21.0	.2	6.8	.2	9.7	.2	30.7	.2	68.2
.4	20.7	.4	6.5	.4	10.0	.4	31.2	.4	69.0
.6	20.5	.6	6.1	.6	10.4	.6	31.8	.6	69.9
.8	20.2	.8	5.8	.8	10.7	.8	32.3	.8	70.7
51.	19.9	61.	5.5	71.	11.1	81.	32.8	91.	71.6
.2	19.6	.2	5.2	.2	11.5	.2	33.4	.2	72.4
.4	19.4	.4	4.9	.4	11.8	.4	33.9	.4	73.2
.6	19.1	.6	4.6	.6	12.2	.6	34.5	.6	74.1
.8	18.9	.8	4.3	.8	12.5	.8	35.0	.8	74.9
52.	18.6	62.	4.0	72.	12.9	82.	35.6	92.	75.7
.2	18.3	.2	3.7	.2	13.3	.2	36.2	.2	76.5
.4	18.0	.4	3.4	.4	13.7	.4	36.8	.4	77.2
.6	17.8	.6	3.1	.6	14.0	.6	37.3	.6	78.0
.8	17.5	.8	2.8	.8	14.4	.8	37.9	.8	78.7
53.	17.2	63.	2.5	73.	14.8	83.	38.5	93.	79.5
.2	16.9	.2	2.2	.2	15.2	.2	39.1	.2	80.2
.4	16.6	.4	1.9	.4	15.6	.4	39.7	.4	80.9
.6	16.4	.6	1.5	.6	16.0	.6	40.4	.6	81.6
.8	16.1	.8	1.2	.8	16.4	.8	41.0	.8	82.3
54.	15.8	64.	.9	74.	16.8	84.	41.6	94.	83.0
.2	15.5	.2	.6	.2	17.2	.2	42.3	.2	83.7
.4	15.2	.4	.2	.4	17.6	.4	43.0	.4	84.3
.6	15.0	.6	.1	.6	18.0	.6	43.8	.6	85.0
.8	14.7	.8	.5	.8	18.4	.8	44.5	.8	85.6
55.	14.4	65.	.8	75.	18.8	85.	45.2	95.	86.3
.2	14.1	.2	1.1	.2	19.2	.2	45.9	.2	86.9
.4	13.8	.4	1.4	.4	19.7	.4	46.7	.4	87.5
.6	13.5	.6	1.8	.6	20.1	.6	47.4	.6	88.2
.8	13.2	.8	2.1	.8	20.6	.8	48.2	.8	88.8
56.	12.9	66.	2.4	76.	21.0	86.	48.9	96.	89.4
.2	12.6	.2	2.7	.2	21.4	.2	49.8	.2	90.0
.4	12.3	.4	3.1	.4	21.8	.4	50.7	.4	90.5
.6	12.1	.6	3.4	.6	22.3	.6	51.5	.6	91.1
.8	11.8	.8	3.8	.8	22.7	.8	52.4	.8	91.6
57.	11.5	67.	4.1	77.	23.1	87.	53.3	97.	92.2
.2	11.2	.2	4.4	.2	23.5	.2	54.2	.2	92.8
.4	10.9	.4	4.8	.4	24.0	.4	55.2	.4	93.3
.6	10.6	.6	5.1	.6	24.4	.6	56.1	.6	93.9
.8	10.3	.8	5.5	.8	24.9	.8	57.1	.8	94.4
58.	10.0	68.	5.8	78.	25.3	88.	58.0	98.	95.0
.2	9.7	.2	6.1	.2	25.8	.2	59.0	.2	95.5
.4	9.4	.4	6.5	.4	26.3	.4	59.9	.4	96.0
.6	9.2	.6	6.8	.6	26.7	.6	60.9	.6	96.5
.8	8.9	.8	7.2	.8	27.2	.8	61.8	.8	97.0
59.	8.6	69.	7.5	79.	27.7	89.	62.8	99.	97.5
.2	8.3	.2	7.9	.2	28.2	.2	63.7	.2	98.0
.4	8.0	.4	8.2	.4	28.7	.4	64.6	.4	98.5
.6	7.7	.6	8.6	.6	29.2	.6	65.5	.6	98.9
.8	7.4	.8	8.9	.8	29.7	.8	66.4	.8	99.4
60.	7.1	70.	9.3	80.	30.2	90.	67.3	100.	99.9

TEMPERATURE 34°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.4	20.	55.3	30.	45.2	40.	33.8
.2	—	.2	64.2	.2	55.1	.2	45.0	.2	33.6
.4	—	.4	64.1	.4	54.9	.4	44.8	.4	33.3
.6	—	.6	63.9	.6	54.8	.6	44.5	.6	33.1
.8	--	.8	63.8	.8	54.6	.8	44.3	.8	32.8
1.	—	11.	63.6	21.	54.4	31.	44.1	41.	32.6
.2	—	.2	63.4	.2	54.2	.2	43.9	.2	32.4
.4	—	.4	63.2	.4	54.0	.4	43.7	.4	32.1
.6	—	.6	63.1	.6	53.8	.6	43.4	.6	31.9
.8	—	.8	62.9	.8	53.6	.8	43.2	.8	31.6
2.	—	12.	62.7	22.	53.4	32.	43.0	42.	31.4
.2	—	.2	62.5	.2	53.2	.2	42.8	.2	31.2
.4	—	.4	62.3	.4	53.0	.4	42.6	.4	30.9
.6	—	.6	62.2	.6	52.8	.6	42.3	.6	30.7
.8	—	.8	62.0	.8	52.6	.8	42.1	.8	30.4
3.	—	13.	61.8	23.	52.4	33.	41.9	43.	30.2
.2	—	.2	61.6	.2	52.2	.2	41.7	.2	29.9
.4	—	.4	61.4	.4	52.0	.4	41.5	.4	29.7
.6	69.9	.6	61.3	.6	51.8	.6	41.2	.6	29.4
.8	69.8	.8	61.1	.8	51.6	.8	41.0	.8	29.2
4.	69.6	14.	60.9	24.	51.4	34.	40.8	44.	28.9
.2	69.4	.2	60.7	.2	51.2	.2	40.6	.2	28.6
.4	69.2	.4	60.5	.4	51.0	.4	40.4	.4	28.4
.6	69.1	.6	60.4	.6	50.8	.6	40.1	.6	28.1
.8	68.9	.8	60.2	.8	50.6	.8	39.9	.8	27.9
5.	68.7	15.	60.0	25.	50.4	35.	39.7	45.	27.6
.2	68.5	.2	59.8	.2	50.2	.2	39.5	.2	27.3
.4	68.4	.4	59.6	.4	50.0	.4	39.2	.4	27.1
.6	68.2	.6	59.5	.6	49.8	.6	39.0	.6	26.8
.8	68.1	.8	59.3	.8	49.6	.8	38.7	.8	26.6
6.	67.9	16.	59.1	26.	49.4	36.	38.5	46.	26.3
.2	67.7	.2	58.9	.2	49.2	.2	38.3	.2	26.0
.4	67.5	.4	58.7	.4	49.0	.4	38.0	.4	25.8
.6	67.4	.6	58.6	.6	48.8	.6	37.8	.6	25.5
.8	67.2	.8	58.4	.8	48.6	.8	37.5	.8	25.3
7.	67.0	17.	58.2	27.	48.4	37.	37.3	47.	25.0
.2	66.8	.2	58.0	.2	48.2	.2	37.1	.2	24.7
.4	66.7	.4	57.8	.4	48.0	.4	36.9	.4	24.5
.6	66.5	.6	57.6	.6	47.7	.6	36.6	.6	24.2
.8	66.4	.8	57.4	.8	47.5	.8	36.4	.8	24.0
8.	66.2	18.	57.2	28.	47.3	38.	36.2	48.	23.7
.2	66.0	.2	57.0	.2	47.1	.2	36.0	.2	23.4
.4	65.8	.4	56.8	.4	46.9	.4	35.7	.4	23.2
.6	65.7	.6	56.7	.6	46.7	.6	35.5	.6	22.9
.8	65.5	.8	56.5	.8	46.5	.8	35.2	.8	22.7
9.	65.3	19.	56.3	29.	46.3	39.	35.0	49.	22.4
.2	65.1	.2	56.1	.2	46.1	.2	34.8	.2	22.1
.4	64.9	.4	55.9	.4	45.9	.4	34.5	.4	21.8
.6	64.8	.6	55.7	.6	45.6	.6	34.3	.6	21.6
.8	64.6	.8	55.5	.8	45.4	.8	34.0	.8	21.3
10.	64.4	20.	55.3	30.	45.2	40.	33.8	50.	21.0

TEMPERATURE 34°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	21.0	60.	6.8	70.	9.6	80.	30.6	90.	67.5
.2	20.7	.2	6.5	.2	10.0	.2	31.1	.2	68.3
.4	20.4	.4	6.2	.4	10.3	.4	31.6	.4	69.2
.6	20.2	.6	5.8	.6	10.7	.6	32.1	.6	70.0
.8	19.9	.8	5.5	.8	11.0	.8	32.6	.8	70.9
51.	19.6	61.	5.2	71.	11.4	81.	33.1	91.	71.7
.2	19.3	.2	4.9	.2	11.8	.2	33.7	.2	72.5
.4	19.1	.4	4.6	.4	12.2	.4	34.2	.4	73.3
.6	18.8	.6	4.3	.6	12.5	.6	34.8	.6	74.2
.8	18.6	.8	4.0	.8	12.9	.8	35.3	.8	75.0
52.	18.3	62.	3.7	72.	13.3	82.	35.9	92.	75.8
.2	18.0	.2	3.4	.2	13.7	.2	36 5	.2	76.6
.4	17.7	.4	3.1	.4	14.1	.4	37.1	.4	77.3
.6	17.5	.6	2.8	.6	14.4	.6	37.6	.6	78.1
.8	17.2	.8	2.5	.8	14.8	.8	38.2	.8	78.8
53.	16.9	63.	2.2	73.	15.2	83.	38.8	93.	79.6
.2	16.6	.2	1.9	.2	15.6	.2	39.4	.2	80.3
.4	16.3	.4	1.6	.4	16.0	.4	40.1	.4	81.0
.6	16.1	.6	1.2	.6	16.3	.6	40.7	.6	81.6
.8	15.8	.8	.9	.8	16.7	.8	41.4	.8	82.3
54.	15.5	64.	.6	74.	17.1	84.	42.0	94.	83.0
.2	15.2	.2	.3	.2	17.5	.2	42.7	.2	83.7
.4	14.9	.4	.1	.4	17.9	.4	43.4	.4	84.3
.6	14.7	.6	.4	.6	18.4	.6	44.2	.6	85.0
.8	14.4	.8	.8	.8	18.8	.8	44.9	.8	85.6
55.	14.1	65.	1.1	75.	19.2	85.	45.6	95.	86.3
.2	13.8	.2	1.4	.2	19.6	.2	46.3	.2	86.9
.4	13.5	.4	1.7	.4	20.0	.4	47.1	.4	87.5
.6	13.3	.6	2.1	.6	20.5	.6	47.8	.6	88.2
.8	13.0	.8	2.4	.8	20.9	.8	48.6	.8	88.8
56.	12.7	66.	2.7	76.	21.3	86.	49.3	96.	89.4
.2	12.4	.2	3.0	.2	21.7	.2	50.2	.2	90.0
.4	12.1	.4	3.4	.4	22.1	.4	51.0	.4	90.5
.6	11.8	.6	3.7	.6	22.6	.6	51.9	.6	91.1
.8	11.5	.8	4.1	.8	23.0	.8	52.7	.8	91.6
57.	11.2	67.	4.4	77.	23.4	87.	53.6	97.	92.2
.2	10.9	.2	4.7	.2	23.9	.2	54.5	.2	92.7
.4	10.6	.4	5.1	.4	24.3	.4	55.5	.4	93.3
.6	10.3	.6	5.4	.6	24.8	.6	56.4	.6	93.8
8	10.0	.8	5.8	.8	25.2	.8	57.4	.8	94.4
58.	9.7	68.	6.1	78.	25.7	88.	58.3	98.	94.9
.2	9.4	.2	6.4	.2	26.2	.2	59.2	.2	95.4
.4	9.1	.4	6.8	.4	26.7	.4	60.2	.4	95.9
.6	8.9	.6	7.1	.6	27.1	.6	61.1	.6	96.5
.8	8.6	.8	7.5	.8	27.6	.8	62.1	.8	97.0
59.	8.3	69.	7.8	79.	28.1	89.	63.0	99.	97.5
.2	8.0	.2	8.2	.2	28.6	.2	63.9	.2	98.0
.4	7.7	.4	8.5	.4	29.1	.4	64.8	.4	98.5
.6	7.4	.6	8.9	.6	29.6	.6	65.7	.6	98.9
.8	7.1	.8	9.2	.8	30.1	.8	66.6	.8	99.4
60.	6.8	70.	9.6	80.	30.6	90.	67.5	100.	99.9

TEMPERATURE 35°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.2	20.	55.1	30.	44.9	40.	33.5
.2	—	.2	64.0	.2	54.9	.2	44.7	.2	33.3
.4	—	.4	63.9	.4	54.7	.4	44.5	.4	33.0
.6	—	.6	63.7	.6	54.5	.6	44.3	.6	32.8
.8	—	.8	63.6	.8	54.3	.8	44.1	.8	32.5
1.	—	11.	63.4	21.	54.1	31.	43.9	41.	32.3
.2	—	.2	63.2	.2	53.9	.2	43.7	.2	32.1
.4	—	.4	63.0	.4	53.7	.4	43.5	.4	31.8
.6	—	.6	62.9	.6	53.6	.6	43.2	.6	31.6
.8	—	.8	62.7	.8	53.4	.8	43.0	.8	31.3
2.	—	12.	62.5	22.	53.2	32.	42.8	42.	31.1
.2	—	.2	62.3	.2	53.0	.2	42.6	.2	30.9
.4	—	.4	62.1	.4	52.8	.4	42.4	.4	30.6
.6	—	.6	62.0	.6	52.6	.6	42.1	.6	30.4
.8	—	.8	61.8	.8	52.4	.8	41.9	.8	30.1
3.	—	13.	61.6	23.	52.2	33.	41.7	43.	29.9
.2	70.0	.2	61.4	.2	52.0	.2	41.5	.2	29.6
.4	69.8	.4	61.2	.4	51.8	.4	41.3	.4	29.4
.6	69.7	.6	61.1	.6	51.6	.6	41.0	.6	29.1
.8	69.5	.8	60.9	.8	51.4	.8	40.8	.8	28.9
4.	69.3	14.	60.7	24.	51.2	34.	40.6	44.	28.6
.2	69.1	.2	60.5	.2	51.0	.2	40.4	.2	28.3
.4	69.0	.4	60.3	.4	50.8	.4	40.1	.4	28.1
.6	68.8	.6	60.2	.6	50.6	.6	39.9	.6	27.8
.8	68.7	.8	60.0	.8	50.4	.8	39.6	.8	27.6
5.	68.5	15.	59.8	25.	50.2	35.	39.4	45.	27.3
.2	68.3	.2	59.6	.2	50.0	.2	39.2	.2	27.0
.4	68.2	.4	59.4	.4	49.8	.4	38.9	.4	26.8
.6	68.0	.6	59.3	.6	49.6	.6	38.7	.6	26.5
.8	67.9	.8	59.1	.8	49.4	.8	38.4	.8	26.3
6.	67.7	16.	58.9	26.	49.2	36.	38.2	46.	26.0
.2	67.5	.2	58.7	.2	49.0	.2	38.0	.2	25.7
.4	67.3	.4	58.5	.4	48.8	.4	37.8	.4	25.5
.6	67.2	.6	58.4	.6	48.5	.6	37.5	.6	25.2
.8	67.0	.8	58.2	.8	48.3	.8	37.3	.8	25.0
7.	66.8	17.	58.0	27.	48.1	37.	37.1	47.	24.7
.2	66.6	.2	57.8	.2	47.9	.2	36.9	.2	24.4
.4	66.5	.4	57.6	.4	47.7	.4	36.6	.4	24.2
.6	66.3	.6	57.4	.6	47.5	.6	36.4	.6	23.9
.8	66.2	.8	57.2	.8	47.3	.8	36.1	.8	23.7
8.	66.0	18.	57.0	28.	47.1	38.	36.0	48.	23.4
.2	65.8	.2	56.8	.2	46.9	.2	35.7	.2	23.1
.4	65.6	.4	56.6	.4	46.7	.4	35.4	.4	22.9
.6	65.5	.6	56.5	.6	46.4	.6	35.2	.6	22.6
.8	65.3	.8	56.3	.8	46.2	.8	34.9	.8	22.4
9.	65.1	19.	56.1	29.	46.0	39.	34.7	49.	22.1
.2	64.9	.2	55.9	.2	45.8	.2	34.5	.2	21.8
.4	64.7	.4	55.7	.4	45.6	.4	34.2	.4	21.5
.6	64.6	.6	55.5	.6	45.3	.6	33.0	.6	21.3
.8	64.4	.8	55.3	.8	45.1	.8	33.8	.8	21.0
10.	64.2	20.	55.1	30.	44.9	40.	33.5	50.	20.7

TEMPERATURE 35°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.7	60.	6.4	70.	10.0	80.	30.9	90.	67.7
.2	20.4	.2	6.1	.2	10.4	.2	31.4	.2	68.5
.4	20.2	.4	5.8	.4	10.7	.4	31.9	.4	69.3
.6	19.9	.6	5.5	.6	11.1	.6	32.5	.6	70.2
.8	19.7	.8	5.2	.8	11.4	.8	33.0	.8	71.0
51.	19.4	61.	4.9	71.	11.8	81.	33.5	91.	71.8
.2	19.1	.2	4.6	.2	12.2	.2	34.1	.2	72.6
.4	18.8	.4	4.3	.4	12.5	.4	34.6	.4	73.4
.6	18.6	.6	4.0	.6	12.9	.6	35.2	.6	74.3
.8	18.3	.8	3.7	.8	13.2	.8	35.7	.8	75.1
52.	18.0	62.	3.4	72.	13.6	82.	36.3	92.	75.9
.2	17.7	.2	3.1	.2	14.0	.2	36.9	.2	76.6
.4	17.4	.4	2.8	.4	14.4	.4	37.5	.4	77.4
.6	17.2	.6	2.5	.6	14.7	.6	38.0	.6	78.1
.8	16.9	.8	2.2	.8	15.1	.8	38.6	.8	78.9
53.	16.6	63.	1.9	73.	15.5	83.	39.2	93.	79.6
.2	16.3	.2	1.6	.2	15.9	.2	39.8	.2	80.3
.4	16.0	.4	1.3	.4	16.3	.4	40.4	.4	81.0
.6	15.8	.6	.9	.6	16.7	.6	41.1	.6	81.7
.8	15.5	.8	.6	.8	17.1	.8	41.7	.8	82.4
54.	15.2	64.	.3	74.	17.5	84.	42.3	94.	83.1
.2	14.9	.2	—	.2	17.9	.2	43.0	.2	83.7
.4	14.6	.4	.4	.4	18.3	.4	43.7	.4	84.4
.6	14.4	.6	.7	.6	18.7	.6	44.5	.6	85.0
.8	14.1	.8	1.1	.8	19.1	.8	45.2	.8	85.7
55.	13.8	65.	1.4	75.	19.5	85.	45.9	95.	86.3
.2	13.5	.2	1.7	.2	19.9	.2	46.6	.2	86.9
.4	13.2	.4	2.0	.4	20.4	.4	47.4	.4	87.5
.6	13.0	.6	2.4	.6	20.8	.6	48.1	.6	88.2
.8	12.7	.8	2.7	.8	21.3	.8	48.9	.8	88.8
56.	12.4	66.	3.0	76.	21.7	86.	49.6	96.	89.4
.2	12.1	.2	3.3	.2	22.1	.2	50.5	.2	90.0
.4	11.8	.4	3.7	.4	22.5	.4	51.4	.4	90.5
.6	11.5	.6	4.0	.6	23.0	.6	52.2	.6	91.1
.8	11.2	.8	4.4	.8	23.4	.8	53.1	.8	91.6
57.	10.9	67.	4.7	77.	23.8	87.	54.0	97.	92.2
.2	10.6	.2	5.0	.2	24.2	.2	54.9	.2	92.7
.4	10.3	.4	5.4	.4	24.7	.4	55.8	.4	93.3
.6	10.0	.6	5.7	.6	25.1	.6	56.8	.6	93.8
.8	9.7	.8	6.1	.8	25.6	.8	57.7	.8	94.4
58.	9.4	68.	6.4	78.	26.0	88.	58.6	98.	94.9
.2	9.1	.2	6.7	.2	26.5	.2	59.5	.2	95.4
.4	8.8	.4	7.1	.4	27.0	.4	60.5	.4	95.9
.6	8.5	.6	7.4	.6	27.4	.6	61 4	.6	96.5
.8	8.2	.8	7.8	.8	27.9	.8	62.4	.8	97.0
59.	7.9	69.	8.1	79.	28.4	89.	63.3	99.	97.5
.2	7.6	.2	8.5	.2	28.9	.2	64.2	.2	98.0
.4	7.3	.4	8.9	.4	29.4	.4	65.1	.4	98.5
.6	7.0	.6	9.2	.6	29.9	.6	65.9	.6	98.9
.8	6.7	.8	9.6	.8	30.4	.8	66.8	.8	99.4
60.	6.4	70.	10.0	80.	30.9	90.	67.7	100.	99.9

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	64.0	20.	54.8	30.	44.6	40.	33.2
.2	—	.2	63.8	.2	54.6	.2	44.4	.2	33.0
.4	—	.4	63.6	.4	54.4	.4	44.2	.4	32.7
.6	—	.6	63.5	.6	54.3	.6	44.0	.6	32.5
.8	—	.8	63.3	.8	54.1	.8	43.8	.8	32.2
1.	—	11.	63.1	21.	53.9	31.	43.6	41.	32.0
.2	—	.2	62.9	.2	53.7	.2	43.4	.2	31.8
.4	—	.4	62.7	.4	53.5	.4	43.2	.4	31.5
.6	—	.6	62.6	.6	53.3	.6	42.9	.6	31.3
.8	—	.8	62.4	.8	53.1	.8	42.7	.8	31.0
2.	—	12.	62.2	22.	52.9	32.	42.5	42.	30.8
.2	—	.2	62.0	.2	52.7	.2	42.3	.2	30.6
.4	—	.4	61.9	.4	52.5	.4	42.1	.4	30.3
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.1
.8	—	.8	61.6	.8	52.1	.8	41.6	.8	29.8
3.	70.0	13.	61.4	23.	51.9	33.	41.4	43.	29.6
.2	69.8	.2	61.2	.2	51.7	.2	41.2	.2	29.3
.4	69.6	.4	61.0	.4	51.5	.4	41.0	.4	29.1
.6	69.5	.6	60.9	.6	51.4	.6	40.7	.6	28.8
.8	69.3	.8	60.7	.8	51.2	.8	40.5	.8	28.6
4.	69.1	14.	60.5	24.	51.0	34.	40.3	44.	28.3
.2	68.9	.2	60.3	.2	50.8	.2	40.1	.2	28.0
.4	68.8	.4	60.1	.4	50.6	.4	39.8	.4	27.8
.6	68.6	.6	60.0	.6	50.4	.6	39.6	.6	27.5
.8	68.5	.8	59.8	.8	50.2	.8	39.3	.8	27.3
5.	68.3	15.	59.6	25.	50.0	35.	39.1	45.	27.0
.2	68.1	.2	59.4	.2	49.8	.2	38.9	.2	26.7
.4	67.9	.4	59.2	.4	49.6	.4	38.7	.4	26.5
.6	67.8	.6	59.0	.6	49.4	.6	38.4	.6	26.2
.8	67.6	.8	58.8	.8	49.2	.8	38.2	.8	26.0
6.	67.4	16.	58.6	26.	49.0	36.	38.0	46.	25.7
.2	67.2	.2	58.4	.2	48.8	.2	37.8	.2	25.4
.4	67.1	.4	58.2	.4	48.6	.4	37.5	.4	25.2
.6	66.9	.6	58.1	.6	48 3	.6	37.3	.6	24.9
.8	66.8	.8	57.9	.8	48.1	.8	37.0	.8	24.7
7.	66.6	17.	57.7	27.	47.9	37.	36.8	47.	24.4
.2	66.4	.2	57.5	.2	47.7	.2	36.6	.2	24.1
.4	66.2	.4	57.3	.4	47.5	.4	36.3	.4	23.9
.6	66.1	.6	57.2	.6	47.2	.6	36.1	.6	23.6
.8	65.9	.8	57.0	.8	47.0	.8	35.8	.8	23.4
8.	65.7	18.	56.8	28.	46.8	38.	35.7	48.	23.1
.2	65.5	.2	56.6	.2	46.6	.2	35.4	.2	22.8
.4	65.4	.4	56.4	.4	46.4	.4	35.1	.4	22.5
.6	65.2	.6	56.2	.6	46.1	.6	34.9	.6	22.3
.8	65.1	.8	56.0	.8	45.9	.8	34.6	.8	22.0
9.	64.9	19.	55.8	29.	45.7	39.	34.4	49.	21.7
.2	64.7	.2	55.6	.2	45.5	.2	34.2	.2	21.4
.4	64.5	.4	55.4	.4	45.3	.4	33.9	.4	21.2
.6	64.4	.6	55.2	.6	45.0	.6	33.7	.6	20.9
.8	64.2	.8	55.0	.8	44.8	.8	33.4	.8	20.7
10.	64.0	20.	54.8	30.	44.6	40.	33.2	50.	20.4

TEMPERATURE 36°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.4	60.	6.1	70.	10.3	80.	31.3	90.	67.9
.2	20.1	.2	5.8	.2	10.7	.2	31.8	.2	68.7
.4	19.9	.4	5.5	.4	11.0	.4	32.3	.4	69.5
.6	19.6	.6	5.2	.6	11.4	.6	32.8	.6	70.4
.8	19.4	.8	4.9	.8	11.7	.8	33.3	.8	71.2
51.	19.1	61.	4.6	71.	12.1	81.	33.8	91.	72.0
.2	18.8	.2	4.3	.2	12.5	.2	34.4	.2	72.8
.4	18.5	.4	4.0	.4	12.9	.4	34.9	.4	73.6
.6	18.3	.6	3.7	.6	13.2	.6	35.5	.6	74.4
.8	18.0	.8	3.4	.8	13.6	.8	36.0	.8	75.2
52.	17.7	62.	3.1	72.	14.0	82.	36.6	92.	76.0
.2	17.4	.2	2.8	.2	14.4	.2	37.2	.2	76.7
.4	17.1	.4	2.5	.4	14.8	.4	37.8	.4	77.5
.6	16.9	.6	2.1	.6	15.1	.6	38.3	.6	78.2
.8	16.6	.8	1.8	.8	15.5	.8	38.9	.8	79.0
53.	16.3	63.	1.5	73.	15.9	83.	39.5	93.	79.7
.2	16.0	.2	1.2	.2	16.3	.2	40.1	.2	80.4
.4	15.7	.4	.9	.4	16.7	.4	40.8	.4	81.1
.6	15.5	.6	.5	.6	17.0	.6	41.4	.6	81.7
.8	15.2	.8	.2	.8	17.4	.8	42.1	.8	82.4
54.	14.9	64.	.1	74.	17.8	84.	42.7	94.	83.1
.2	14.6	.2	.4	.2	18.2	.2	43.4	.2	83.7
.4	14.3	.4	.7	.4	18.6	.4	44.1	.4	84.4
.6	14.1	.6	1.1	.6	19.1	.6	44.9	.6	85.0
.8	13.8	.8	1.4	.8	19.5	.8	45.6	.8	85.7
55.	13.5	65.	1.7	75.	19.9	85.	46.3	95.	86.3
.2	13.2	.2	2.0	.2	20.3	.2	47.0	.2	86.9
.4	12.9	.4	2.3	.4	20.7	.4	47.8	.4	87.5
.6	12.6	.6	2.7	.6	21.2	.6	48.5	.6	88.2
.8	12.3	.8	3.0	.8	21.6	.8	49.3	.8	88.8
56.	12.0	66.	3.3	76.	22.0	86.	50.0	96.	89.4
.2	11.7	.2	3.6	.2	22.4	.2	50.9	.2	90.0
.4	11.4	.4	4.0	.4	22.8	.4	51.8	.4	90.5
.6	11.2	.6	4.3	.6	23.3	.6	52.6	.6	91.1
.8	10.9	.8	4.7	.8	23.7	.8	53.5	.8	91.6
57.	10.6	67.	5.0	77.	24.1	87.	54.4	97.	92.2
.2	10.3	.2	5.4	.2	24.6	.2	55.3	.2	92.7
.4	10.0	.4	5.7	.4	25.0	.4	56.2	.4	93.3
.6	9.7	.6	6.1	.6	25.5	.6	57.2	.6	93.8
.8	9.4	.8	6.4	.8	25.9	.8	58.1	.8	94.4
58.	9.1	68.	6.8	78.	26.4	88.	59.0	98.	94.9
.2	8.8	.2	7.1	.2	26.9	.2	59.9	.2	95.4
.4	8.5	.4	7.5	.4	27.4	.4	60.8	.4	95.9
.6	8.2	.6	7.8	.6	27.8	.6	61.7	.6	96.4
.8	7.9	.8	8.2	.8	28.3	.8	62.6	.8	96.9
59.	7.6	69.	8.5	79.	28.8	89.	63.5	99.	97.4
.2	7.3	.2	8.9	.2	29.3	.2	64.4	.2	97.9
.4	7.0	.4	9.2	.4	29.8	.4	65.3	.4	98.4
.6	6.7	.6	9.6	.6	30.3	.6	66.1	.6	98.9
.8	6.4	.8	9.9	.8	30.8	.8	67.0	.8	99.4
60.	6.1	70.	10.3	80.	31.3	90.	67.9	100.	99.9

TEMPERATURE 37°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.7	20.	54.6	30.	44.4	40.	33.0
.2	—	.2	63.5	.2	54.4	.2	44.2	.2	32.7
.4	—	.4	63.4	.4	54.2	.4	44.0	.4	32.5
.6	—	.6	63.2	.6	54.1	.6	43.7	.6	32.2
.8	—	.8	63.1	.8	53.9	8	43.5	.8	32.0
1.	—	11.	62.9	21.	53.7	31.	43.3	41.	31.7
.2	—	.2	62.7	.2	53.5	.2	43.1	.2	31.5
.4	—	.4	62.5	.4	53.3	.4	42.9	.4	31.2
.6	—	.6	62.4	.6	53.1	.6	42.6	.6	31.0
.8	—	.8	62.2	.8	52.9	.8	42.4	.8	30.7
2.	—	12.	62.0	22.	52.7	32.	42.2	42.	30.5
.2	—	.2	61.8	.2	52.5	.2	42.0	.2	30.3
.4	—	.4	61.6	.4	52.3	.4	41.8	.4	30.0
.6	70.0	.6	61.5	.6	52.1	.6	41.5	.6	29.8
.8	69.9	.8	61.3	.8	51.9	.8	41.3	.8	29.5
3.	69.7	13.	61.1	23.	51.7	33.	41.1	43.	29.3
.2	69.5	.2	60.9	.2	51.5	.2	40.9	.2	29.0
.4	69.4	.4	60.7	.4	51.3	.4	40.7	.4	28.8
.6	69.2	.6	60.6	.6	51.1	.6	40.4	.6	28.5
.8	69.1	.8	60.4	.8	50.9	.8	40.2	.8	28.3
4.	68 9	14.	60.2	24.	50.7	34.	40.0	44.	28.0
.2	68.7	.2	60.0	.2	50.5	.2	39.8	.2	27.7
.4	68.6	.4	59.8	.4	50.3	.4	39.5	.4	27.5
.6	68.4	.6	59.7	.6	50.1	.6	39.3	.6	27.2
.8	68.3	.8	59.5	.8	49.9	.8	39.0	.8	27.0
5.	68.1	15.	59.3	25.	49.7	35.	38.8	45.	26.7
.2	67.9	.2	59.1	.2	49.5	.2	38.6	.2	26.4
.4	67.7	.4	58.9	.4	49.3	.4	38.4	.4	26.2
.6	67.6	.6	58.8	.6	49.1	.6	38.1	.6	25.9
.8	67.4	.8	58.6	.8	48.9	.8	37.9	.8	25.7
6.	67.2	16.	58.4	26.	48.7	36.	37.7	46.	25.4
.2	67.0	.2	58.2	.2	48.5	.2	37.5	.2	25.1
.4	66.8	.4	58.0	.4	48.3	.4	37.2	.4	24.9
.6	66.7	.6	57.8	.6	48.0	.6	37.0	.6	24.6
.8	66.5	.8	57.6	.8	47.8	.8	36.7	.8	24.4
7.	66.3	17.	57.4	27.	47.6	37.	36.5	47.	24.1
.2	66.1	.2	57.2	.2	47.4	.2	36.3	.2	23.8
.4	66.0	.4	57.0	.4	47.2	.4	36.1	.4	23.6
.6	65.8	.6	56.9	.6	46.9	.6	35.8	.6	23.3
.8	65.7	.8	56.7	.8	46.7	.8	35.6	.8	23.1
8.	65.5	18.	56.5	28.	46.5	38.	35.4	48.	22.8
.2	65.3	.2	56.3	.2	46.3	.2	35.2	.2	22.5
.4	65.1	.4	56.1	.4	46.1	.4	34.9	.4	22.2
.6	65.0	.6	55.9	.6	45.9	.6	34.7	.6	22.0
.8	64.8	.8	55.7	.8	45.7	.8	34.4	.8	21.7
9.	64.6	19.	55.5	29.	45.5	39.	34.2	49.	21.4
.2	64.4	.2	55.3	.2	45.3	.2	34.0	.2	21.1
.4	64.2	.4	55.1	.4	45.1	.4	33.7	.4	20.9
.6	64.1	.6	55.0	.6	44.8	.6	33.5	.6	20.6
.8	63.9	.8	54.8	.8	44.6	.8	33.2	.8	20.4
10.	63.7	20.	54.6	30.	44.4	40.	33.0	50.	20.1

TEMPERATURE 37°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	20.1	60.	5.8	70.	10.6	80.	31.6	90.	68.1
.2	19.8	.2	5.5	.2	11.0	.2	32.1	.2	68.9
.4	19.6	.4	5.2	.4	11.3	.4	32.6	.4	69.7
.6	19.3	.6	4.9	.6	11.7	.6	33.2	.6	70.6
.8	19.1	.8	4.6	.8	12.0	.8	33.7	.8	71.4
51.	18.8	61.	4.3	71.	12.4	81.	34.2	91.	72.2
.2	18.5	.2	4.0	.2	12.8	.2	34.8	.2	73.0
.4	18.2	.4	3.7	.4	13.2	.4	35.3	.4	73.8
.6	18.0	.6	3.4	.6	13.5	.6	35.9	.6	74.5
.8	17.7	.8	3.1	.8	13.9	.8	36.4	.8	75.3
52	17.4	62.	2.8	72.	14.3	82.	37.0	92.	76.1
.2	17.1	.2	2.5	.2	14.7	.2	37.6	.2	76.8
.4	16.8	.4	2.2	.4	15.1	.4	38.2	.4	77.5
.6	16.6	.6	1.8	.6	15.4	.6	38.7	.6	78.3
.8	16.3	.8	1.5	.8	15.8	.8	39.3	.8	79.0
53.	16.0	63.	1.2	73.	16.2	83.	39.9	93.	79.7
.2	15.7	.2	.9	.2	16.6	.2	40.5	.2	80.4
.4	15.4	.4	.6	.4	17.0	.4	41.1	.4	81.1
.6	15.2	.6	.2	.6	17.4	.6	41.8	.6	81.8
.8	14.9	.8	.1	.8	17.8	.8	42.4	.8	82.5
54.	14.6	64.	.4	74.	18.2	84.	43.0	94.	83.2
.2	14.3	.2	.7	.2	18.6	.2	43.7	.2	83.8
.4	14.0	.4	1.0	.4	19.0	.4	44.4	.4	84.5
.6	13.7	.6	1.4	.6	19.4	.6	45.2	.6	85.1
.8	13.4	.8	1.7	.8	19.8	.8	45.9	.8	85.8
55.	13.1	65.	2.0	75.	20.2	85.	46.6	95.	86.4
.2	12.8	.2	2.3	.2	20.6	.2	47.4	.2	87.0
.4	12.5	.4	2.6	.4	21.0	.4	48.1	.4	87.6
.6	12.3	.6	3.0	.6	21.5	.6	48.9	.6	88.2
.8	12.0	.8	3.3	.8	21.9	.8	49.6	.8	88.8
56	11.7	66.	3.6	76.	22.3	86.	50.4	96.	89.4
.2	11.4	.2	3.9	.2	22.7	.2	51.3	.2	90.0
.4	11.1	.4	4.3	.4	23.2	.4	52.1	.4	90.5
.6	10.9	.6	4.6	.6	23.6	.6	53.0	.6	91.1
.8	10.6	.8	5.0	.8	24.1	.8	53.8	.8	91.6
57.	10.3	67.	5.3	77.	24.5	87.	54.7	97.	92.2
.2	10.0	.2	5.6	.2	25.0	.2	55.6	.2	92.7
.4	9.7	.4	6.0	.4	25.4	.4	56.5	.4	93.3
.6	9.4	.6	6.3	.6	25.9	.6	57.5	.6	93.8
.8	9.1	.8	6.7	.8	26.3	.8	58.4	.8	94.4
58.	8.8	68.	7.0	78.	26.8	88.	59.3	98.	94.9
.2	8.5	.2	7.4	.2	27.3	.2	60.2	.2	95.4
.4	8.2	.4	7.7	.4	27.7	.4	61.1	.4	95.9
.6	7.9	.6	8.1	.6	28.2	.6	62.0	.6	96.4
.8	7.6	.8	8.4	.8	28.6	.8	62.9	.8	96.9
59.	7.3	69.	8.8	79.	29.1	89.	63.8	99.	97.4
.2	7.0	.2	9.2	.2	29.6	.2	64.7	.2	97.9
.4	6.7	.4	9.5	.4	30.1	.4	65.5	.4	98.4
.6	6.4	.6	9.9	.6	30.6	.6	66.4	.6	98.9
.8	6.1	.8	10.2	.8	31.1	.8	67.2	.8	99.4
60.	5.8	70.	10.6	80.	31.6	90.	68.1	100.	99.9

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.5	20.	54.4	30.	44.2	40.	32.7
.2	—	.2	63.3	.2	54.2	.2	44.0	.2	32.4
.4	—	.4	63.2	.4	54.0	.4	43.8	.4	32.2
.6	—	.6	63.0	.6	53.8	.6	43.5	.6	31.9
.8	—	.8	62.9	.8	53.6	.8	43.3	.8	31.7
1.	—	11.	62.7	21.	53.4	31.	43.1	41.	31.4
.2	—	.2	62.5	.2	53.2	.2	42.9	.2	31.2
.4	—	.4	62.3	.4	53.0	.4	42.7	.4	30.9
.6	—	.6	62.2	.6	52.8	.6	42.4	.6	30.7
.8	—	.8	62.0	.8	52.6	.8	42.2	.8	30.4
2.	—	12.	61.8	22.	52.4	32.	42.0	42.	30.2
.2	—	.2	61.6	.2	52.2	.2	41.8	.2	30.0
.4	70.0	.4	61.4	.4	52.0	.4	41.6	.4	29.7
.6	69.8	.6	61.3	.6	51.9	.6	41.3	.6	29.5
.8	69.7	.8	61.1	.8	51.7	.8	41.1	.8	29.2
3.	69.5	13.	60.9	23.	51.5	33.	40.9	43.	29.0
.2	69.3	.2	60.7	.2	51.3	.2	40.7	.2	28.7
.4	69.2	.4	60.5	.4	51.1	.4	40.5	.4	28.5
.6	69.0	.6	60.4	.6	50.9	.6	40.2	.6	28.2
.8	68.9	.8	60.2	.8	50.7	.8	40.0	.8	28.0
4.	68.7	14.	60.0	24.	50.5	34.	39.8	44.	27.8
.2	68.5	.2	59.8	.2	50.3	.2	39.6	.2	27.4
.4	68.3	.4	59.6	.4	50.1	.4	39.3	.4	27.2
.6	68.2	.6	59.5	.6	49.8	.6	39.1	.6	26.9
.8	68.0	.8	59.3	.8	49.6	.8	38.8	.8	26.7
5.	67.8	15.	59.1	25.	49.4	35.	38.6	45.	26.4
.2	67.6	.2	58.9	.2	49.2	.2	38.4	.2	26.1
.4	67.5	.4	58.7	.4	49.0	.4	38.1	.4	25.9
.6	67.3	.6	58.6	.6	48.8	.6	37.9	.6	25.6
.8	67.2	.8	58.4	.8	48.6	.8	37.6	.8	25.4
6.	67.0	16.	58.2	26.	48.4	36.	37.4	46.	25.1
.2	66.8	.2	58.0	.2	48.2	.2	37.2	.2	24.8
.4	66.6	.4	57.8	.4	48.0	.4	36.9	.4	24.6
.6	66.5	.6	57.6	.6	47.7	.6	36.7	.6	24.3
.8	66.3	.8	57.4	.8	47.5	.8	36.4	.8	24.1
7.	66.1	17.	57.2	27.	47.3	37.	36.2	47.	23.8
.2	65.9	.2	57.0	.2	47.1	.2	36.0	.2	23.5
.4	65.8	.4	56.8	.4	46.9	.4	35.8	.4	23.3
.6	65.6	.6	56.7	.6	46.7	.6	35.5	.6	23.0
.8	65.5	.8	56.5	.8	46.5	.8	35.3	.8	22.8
8.	65.3	18.	56.3	28.	46.3	38.	35.1	48.	22.5
.2	65.1	.2	56.1	.2	46.1	.2	34.9	.2	22.2
.4	64.9	.4	55.9	.4	45.9	.4	34.6	.4	22.0
.6	64.8	.6	55.7	.6	45.6	.6	34.4	.6	21.7
.8	64.6	.8	55.5	.8	45.4	.8	34.1	.8	21.5
9.	64.4	19.	55.3	29.	45.2	39.	33.9	49.	21.2
.2	64.2	.2	55.1	.2	45.0	.2	33.7	.2	20.9
.4	64.0	.4	54.9	.4	44.8	.4	33.4	.4	20.6
.6	63.9	.6	54.8	.6	44.6	.6	33.2	.6	20.4
.8	63.7	.8	54.6	.8	44.4	.8	32.9	.8	20.1
10.	63.5	20.	54.4	30.	44.2	40.	32.7	50.	19.8

TEMPERATURE 38°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	19.8	60.	5.5	70.	10.9	80.	32.0	90.	68.3
.2	19.5	.2	5.2	.2	11.3	.2	32.5	.2	69.1
.4	19.3	.4	4.9	.4	11.6	.4	33.0	.4	69.9
.6	19.0	.6	4.6	.6	12.0	.6	33.5	.6	70.7
.8	18.8	.8	4.3	.8	12.3	.8	34.0	.8	71.5
51.	18.5	61.	4.0	71.	12.7	81.	34.5	91.	72.3
.2	18.2	.2	3.7	.2	13.1	.2	35.1	.2	73.1
.4	17.9	.4	3.4	.4	13.5	.4	35.7	.4	73.9
.6	17.7	.6	3.1	.6	13.8	.6	36.2	.6	74.6
.8	17.4	.8	2.8	.8	14.2	.8	36.8	.8	75.4
52.	17.1	62.	2.5	72.	14.6	82.	37.4	92.	76.2
.2	16.8	.2	2.2	.2	15.0	.2	38.0	.2	76.9
.4	16.5	.4	1.9	.4	15.4	.4	38.6	.4	77.6
.6	16.3	.6	1.5	.6	15.7	.6	39.1	.6	78.4
.8	16.0	.8	1.2	.8	16.1	.8	39.7	.8	79.1
53.	15.7	63.	.9	73.	16.5	83.	40.3	93.	79.8
.2	15.4	.2	.6	.2	16.9	.2	40.9	.2	80.5
.4	15.1	.4	.2	.4	17.3	.4	41.5	.4	81.2
.6	14.9	.6	.1	.6	17.7	.6	42.2	.6	81.8
.8	14.6	.8	.5	.8	18.1	.8	42.8	.8	82.5
54.	14.3	64.	.8	74.	18.5	84.	43.4	94.	83.2
.2	14.0	.2	1.1	.2	18.9	.2	44.1	.2	83.8
.4	13.7	.4	1.4	.4	19.3	.4	44.8	.4	84.5
.6	13.4	.6	1.8	.6	19.8	.6	45.6	.6	85.1
.8	13.1	.8	2.1	.8	20.2	.8	46.3	.8	85.8
55.	12.8	65.	2.4	75.	20.6	85.	47.0	95.	86.4
.2	12.5	.2	2.7	.2	21.0	.2	47.8	.2	87.0
.4	12.2	.4	3.0	.4	21.4	.4	48.6	.4	87.6
.6	12.0	.6	3.4	.6	21.9	.6	49.3	.6	88.2
.8	11.7	.8	3.7	.8	22.3	.8	50.1	.8	88.8
56.	11.4	66.	4.0	76.	22.7	86.	50.9	96.	89.4
.2	11.1	.2	4.3	.2	23.1	.2	51.7	.2	90.0
.4	10.8	.4	4.7	.4	23.5	.4	52.6	.4	90.5
.6	10.5	.6	5.0	.6	24.0	.6	53.4	.6	91.1
.8	10.2	.8	5.4	.8	24.4	.8	54.3	.8	91.6
57.	9.9	67.	5.7	77.	24.8	87.	55.1	97.	92.2
.2	9.6	.2	6.0	.2	25.3	.2	56.0	.2	92.7
.4	9.3	.4	6.4	.4	25.7	.4	56.9	.4	93.3
.6	9.1	.6	6.7	.6	26.2	.6	57.8	.6	93.8
.8	8.8	.8	7.1	.8	26.6	.8	58.7	.8	94.4
58.	8.5	68.	7.4	78.	27.1	88.	59.6	98.	94.9
.2	8.2	.2	7.7	.2	27.6	.2	60.5	.2	95.4
.4	7.9	.4	8.1	.4	28.1	.4	61.4	.4	95.9
.6	7.6	.6	8.4	.6	28.5	.6	62.2	.6	96.4
.8	7.3	.8	8.8	.8	29.0	.8	63.1	.8	96.9
59.	7.0	69.	9.1	79.	29.5	89.	64.0	99.	97.4
.2	6.7	.2	9.5	.2	30.0	.2	64.9	.2	97.9
.4	6.4	.4	9.8	.4	30.5	.4	65.7	.4	98.4
.6	6.1	.6	10.2	.6	31.0	.6	66.6	.6	98.8
.8	5.8	.8	10.5	.8	31.5	.8	67.4	.8	99.3
60.	5.5	70.	10.9	80.	32.0	90.	68.3	100.	99.8

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.3	20.	54.1	30.	43.9	40.	32.4
.2	—	.2	63.1	.2	53.9	.2	43.7	.2	32.1
.4	—	.4	63.0	.4	53.7	.4	43.5	.4	31.9
.6	—	.6	62.8	.6	53.5	.6	43.2	.6	31.6
.8	—	.8	62.7	.8	53.3	.8	43.0	.8	31.4
1.	—	11.	62.5	21.	53.1	31.	42.8	41.	31.1
.2	—	.2	62.3	.2	52.9	.2	42.6	.2	30.9
.4	—	.4	62.1	.4	52.7	.4	42.4	.4	30.6
.6	—	.6	62.0	.6	52.6	.6	42.1	.6	30.4
.8	—	.8	61.8	.8	52.4	.8	41.9	.8	30.1
2.	—	12.	61.6	22.	52.2	32.	41.7	42.	29.9
.2	69.9	.2	61.4	.2	52.0	.2	41.5	.2	29.7
.4	69.8	.4	61.2	.4	51.8	.4	41.3	.4	29.4
.6	69.6	.6	61.1	.6	51.6	.6	41.0	.6	29.2
.8	69.4	.8	60.9	.8	51.4	.8	40.8	.8	28.9
3.	69.3	13.	60.7	23.	51.2	33.	40.6	43.	28.7
.2	69.1	.2	60.5	.2	51.0	.2	40.4	.2	28.4
.4	69.0	.4	60.3	.4	50.8	.4	40.2	.4	28.2
.6	68.8	.6	60.2	.6	50.6	.6	39.9	.6	27.9
.8	68.7	.8	60.0	.8	50.4	.8	39.7	.8	27.7
4.	68.5	14.	59.8	24.	50.2	34.	39.5	44.	27.4
.2	68.3	.2	59.6	.2	50.0	.2	39.3	.2	27.1
.4	68.1	.4	59.4	.4	49.8	.4	39.0	.4	26.9
.6	68.0	.6	59.3	.6	49.6	.6	38.8	.6	26.6
.8	67.8	.8	59.1	.8	49.4	.8	38.5	.8	26.4
5.	67.6	15.	58.9	25.	49.2	35.	38.3	45.	26.1
.2	67.4	.2	58.7	.2	49.0	.2	38.1	.2	25.8
.4	67.3	.4	58.5	.4	48.8	.4	37.8	.4	25.6
.6	67.1	.6	58.3	.6	48.5	.6	37.6	.6	25.3
.8	67.0	.8	58.1	.8	48.3	.8	37.3	.8	25.1
6.	66.8	16.	57.9	26.	48.1	36.	37.1	46.	24.8
.2	66.6	.2	57.7	.2	47.9	.2	36.9	.2	24.5
.4	66.4	.4	57.5	.4	47.7	.4	36.7	.4	24.3
.6	66.3	.6	57.4	.6	47.5	.6	36.4	.6	24.0
.8	66.1	.8	57.2	.8	47.3	.8	36.2	.8	23.8
7.	65.9	17.	57.0	27.	47.1	37.	36.0	47.	23.5
.2	65.7	.2	56.8	.2	46.9	.2	35.8	.2	23.2
.4	65.6	.4	56.6	.4	46.7	.4	35.5	.4	23.0
.6	65.4	.6	56.5	.6	46.4	.6	35.3	.6	22.7
.8	65.3	.8	56.3	.8	46.2	.8	35.0	.8	22.5
8.	65.1	18.	56.1	28.	46.0	38.	34.8	48.	22.2
.2	64.9	.2	55.9	.2	45.8	.2	34.6	.2	21.9
.4	64.7	.4	55.7	.4	45.6	.4	34.3	.4	21.7
.6	64.6	.6	55.5	.6	45.4	.6	34.1	.6	21.4
.8	64.4	.8	55.3	.8	45.2	.8	33.8	.8	21.2
9.	64.2	19.	55.1	29.	45.0	39.	33.6	49.	20.9
.2	64.0	.2	54.9	.2	44.8	.2	33.4	.2	20.6
.4	63.8	.4	54.7	.4	44.6	.4	33.1	.4	20.3
.6	63.7	.6	54.5	.6	44.3	.6	32.9	.6	20.1
.8	63.5	.8	54.3	.8	44.1	.8	32.6	.8	19.8
10.	63.3	20.	54.1	30.	43.9	40.	32.4	50.	19.5

TEMPERATURE 39°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	19.5	60.	5.1	70.	11.3	80.	32.3	90.	68.5
.2	19.2	.2	4.8	.2	11 7	.2	32.8	.2	69.3
.4	19.0	.4	4.5	.4	12.0	.4	33.3	.4	70.1
.6	18.7	.6	4.2	.6	12.4	.6	33.9	.6	71.0
.8	18.5	.8	3.9	.8	12.7	.8	34.4	.8	71.8
51.	18.2	61.	3.6	71.	13.1	81.	34.9	91.	72.6
.2	17.9	.2	3.3	.2	13.5	.2	35.5	.2	73.3
.4	17.6	.4	3.0	.4	13.9	.4	36.0	.4	74.1
.6	17.4	.6	2.7	.6	14.2	.6	36.6	.6	74.8
.8	17.1	.8	2.4	.8	14.6	.8	37.1	.8	75.6
52.	16.8	62.	2.1	72.	15.0	82.	37.7	92.	76.3
.2	16.5	.2	1.8	.2	15.4	.2	38.3	.2	77.0
.4	16.2	.4	1.5	.4	15.8	.4	38.9	.4	77.7
.6	16.0	.6	1.2	.6	16.1	.6	39.4	.6	78.5
.8	15.7	.8	.9	.8	16.5	.8	40.0	.8	79.2
53.	15.4	63.	.6	73.	16.9	83.	40.6	93.	79.9
.2	15.1	.2	.3	.2	17.3	.2	41.2	.2	80.6
.4	14.8	.4	.1	.4	17.7	.4	41.9	.4	81.3
.6	14.6	.6	.4	.6	18.1	.6	42.5	.6	81.9
.8	14.3	.8	.8	.8	18.5	.8	43.2	.8	82.6
54.	14.0	64.	1.1	74.	18.9	84.	43.8	94.	83.3
.2	13.7	.2	1.4	.2	19.3	.2	44.5	.2	83.9
.4	13.4	.4	1.7	.4	19.7	.4	45.2	.4	84.5
.6	13.1	.6	2.1	.6	20.2	.6	45.9	.6	85.2
.8	12.8	.8	2.4	.8	20.6	.8	46.6	.8	85.8
55.	12.5	65.	2.7	75.	21.0	85.	47.3	95.	86.4
.2	12.2	.2	3.0	.2	21.4	.2	48.1	.2	87.0
.4	11.9	.4	3 3	.4	21.8	.4	48.9	.4	87.6
.6	11.6	.6	3.7	.6	22.2	.6	49.7	.6	88.2
.8	11.3	.8	4.0	.8	22.6	.8	50.5	.8	88.8
56.	11.0	66.	4.3	76.	23.0	86.	51.3	96.	89.4
.2	10 7	.2	4.6	.2	23.4	.2	52.1	.2	90.0
.4	10.4	.4	5.0	.4	23.9	.4	53.0	.4	90.5
.6	10.2	.6	5.3	.6	24.3	.6	53.8	.6	91.1
.8	9.9	.8	5.7	.8	24.8	.8	54.7	.8	91.6
57.	9.6	67.	6.0	77.	25.2	87.	55.5	97.	92.2
.2	9.3	.2	6.3	.2	25.7	.2	56.4	.2	92.7
.4	9.0	.4	6.7	.4	26.1	.4	57.3	.4	93.3
.6	8.8	.6	7.0	.6	26.6	.6	58.1	.6	93.8
.8	8.5	.8	7.4	.8	27.0	.8	59.0	.8	94.4
58.	8.2	68.	7.7	78.	27.5	88.	59.9	98.	94.9
.2	7.9	.2	8.1	.2	28.0	.2	60.8	.2	95.4
.4	7.6	.4	8.4	.4	28.4	.4	61.7	.4	95.9
.6	7.3	.6	8.8	.6	28.9	.6	62.5	.6	96.4
.8	7.0	.8	9.1	.8	29.3	.8	63.4	.8	96.9
59.	6.7	69.	9.5	79.	29.8	89.	64.3	99.	97.4
.2	6.4	.2	9.9	.2	30.3	.2	65.1	.2	97.9
.4	6.1	.4	10.2	.4	30.8	.4	66.0	.4	98.4
.6	5.7	.6	10.6	.6	31.3	.6	66.8	.6	98.8
.8	5.4	.8	10.9	.8	31.8	.8	67.7	.8	99.3
60.	5.1	70.	11.3	80.	32.3	90.	68.5	100.	99.8

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	63.1	20.	53.8	30.	43.6	40.	32.1
.2	—	.2	62.9	.2	53.6	.2	43.4	.2	31.8
.4	—	.4	62.7	.4	53.4	.4	43.2	.4	31.6
.6	—	.6	62.6	.6	53.3	.6	42.9	.6	31.3
.8	—	.8	62.4	.8	53.1	.8	42.7	.8	31.1
1.	—	11.	62.2	21.	52.9	31.	42.5	41.	30.8
.2	—	.2	62.0	.2	52.7	.2	42.3	.2	30.6
.4	—	.4	61.8	.4	52.5	.4	42.1	.4	30.3
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.1
.8	—	.8	61.5	.8	52.1	.8	41.6	.8	29.8
2.	69.9	12.	61.3	22.	51.9	32.	41.4	42.	29.6
.2	69.7	.2	61.1	.2	51.7	.2	41.2	.2	29.4
.4	69.5	.4	60.9	.4	51.5	.4	41.0	.4	29.1
.6	69.4	.6	60.8	.6	51.4	.6	40.7	.6	28.9
.8	69.2	.8	60.6	.8	51.2	.8	40.5	.8	28.6
3.	69.0	13.	60.4	23.	51.0	33.	40.3	43.	28.4
.2	68.8	.2	60.2	.2	50.8	.2	40.1	.2	28.1
.4	68.7	.4	60.0	.4	50.6	.4	39.9	.4	27.9
.6	68.5	.6	59.9	.6	50.4	.6	39.6	.6	27.6
.8	68.4	.8	59.7	.8	50.2	.8	39.4	.8	27.4
4.	68.2	14.	59.5	24.	50.0	34.	39.2	44.	27.1
.2	68.0	.2	59.3	.2	49.8	.2	39.0	.2	26.8
.4	67.9	.4	59.1	.4	49.6	.4	38.8	.4	26.6
.6	67.7	.6	59.0	.6	49.4	.6	38.5	.6	26.3
.8	67.6	.8	58.8	.8	49.2	.8	38.3	.8	26.1
5.	67.4	15.	58.6	25.	49.0	35.	38.1	45.	25.8
.2	67.2	.2	58.4	.2	48.8	.2	37.9	.2	25.5
.4	67.0	.4	58.2	.4	48.6	.4	37.6	.4	25.3
.6	66.9	.6	58.1	.6	48.3	.6	37.4	.6	25.0
.8	66.7	.8	57.9	.8	48.1	.8	37.1	.8	24.8
6.	66.5	16.	57.7	26.	47.9	36.	36.9	46.	24.5
.2	66.3	.2	57.5	.2	47.7	.2	36.7	.2	24.2
.4	66.2	.4	57.3	.4	47.5	.4	36.4	.4	24.0
.6	66.0	.6	57.1	.6	47.2	.6	36.2	.6	23.7
.8	65.9	.8	56.9	.8	47.0	.8	35.9	.8	23.5
7.	65.7	17.	56.7	27.	46.8	37.	35.7	47.	23.2
.2	65.5	.2	56.5	.2	46.6	.2	35.5	.2	22.9
.4	65.3	.4	56.3	.4	46.4	.4	35.2	.4	22.7
.6	65.2	.6	56.2	.6	46.1	.6	35.0	.6	22.4
.8	65.0	.8	56.0	.8	45.9	.8	34.7	.8	22.2
8.	64.8	18.	55.8	28.	45.7	38.	34.5	48.	21.9
.2	64.6	.2	55.6	.2	45.5	.2	34.3	.2	21.6
.4	64.5	.4	55.4	.4	45.3	.4	34.0	.4	21.4
.6	64.3	.6	55.2	.6	45.1	.6	33.8	.6	21.1
.8	64.2	.8	55.0	.8	44.9	.8	33.5	.8	20.9
9.	64.0	19.	54.8	29.	44.7	39.	33.3	49.	20.6
.2	63.8	.2	54.6	.2	44.5	.2	33.1	.2	20.3
.4	63.6	.4	54.4	.4	44.3	.4	32.8	.4	20.0
.6	63.5	.6	54.2	.6	44.0	.6	32.6	.6	19.8
.8	63.3	.8	54.0	.8	43.8	.8	32.3	.8	19.5
10.	63.1	20.	53.8	30.	43.6	40.	32.1	50.	19.2

TEMPERATURE 40°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	19.2	60.	4.8	70.	11.7	80.	32.7	90.	68.7
.2	18.9	.2	4.5	.2	12.1	.2	33.2	.2	69.5
.4	18.7	.4	4.2	.4	12.4	.4	33.7	.4	70.3
.6	18.4	.6	3.9	.6	12.8	.6	34.3	.6	71.1
.8	18.2	.8	3.6	.8	13.1	.8	34.8	.8	71.9
51.	17.9	61.	3.3	71.	13.5	81.	35.3	91.	72.7
.2	17.6	.2	3.0	.2	13.9	.2	35.9	.2	73.4
.4	17.3	.4	2.7	.4	14.3	.4	36.4	.4	74.2
.6	17.1	.6	2.4	.6	14.6	.6	37.0	.6	74.9
.8	16.8	.8	2.1	.8	15.0	.8	37.5	.8	75.7
52.	16.5	62.	1.8	72.	15.4	82.	38.1	92.	76.4
.2	16.2	.2	1.5	.2	15.8	.2	38.7	.2	77.1
.4	15.9	.4	1.2	.4	16.2	.4	39.3	.4	77.8
.6	15.6	.6	.8	.6	16.5	.6	39.8	.6	78.6
.8	15.3	.8	.5	.8	16.9	.8	40.4	.8	79.3
53.	15.0	63.	.2	73.	17.3	83.	41.0	93.	80.0
.2	14.7	.2	.1	.2	17.7	.2	41.6	.2	80.7
.4	14.4	.4	.4	.4	18.1	.4	42.3	.4	81.3
.6	14.2	.6	.8	.6	18.5	.6	42.9	.6	82.0
.8	13.9	.8	1.1	.8	18.9	.8	43.6	.8	82.6
54.	13.6	64.	1.4	74.	19.3	84.	44.2	94.	83.3
.2	13.3	.2	1.7	.2	19.7	.2	44.9	.2	83.9
.4	13.0	.4	2.0	.4	20.1	.4	45.6	.4	84.6
.6	12.8	.6	2.4	.6	20.5	.6	46.3	.6	85.2
.8	12.5	.8	2.7	.8	20.9	.8	47.0	.8	85.9
55.	12.2	65.	3.0	75.	21.3	85.	47.7	95.	86.5
.2	11.9	.2	3.3	.2	21.7	.2	48.5	.2	87.1
.4	11.6	.4	3.6	.4	22.1	.4	49.3	.4	87.7
.6	11.3	.6	4.0	.6	22.5	.6	50.1	.6	88.2
.8	11.0	.8	4.3	.8	22.9	.8	50.9	.8	88.8
56.	10.7	66.	4.6	76.	23.3	86.	51.7	96.	89.4
.2	10.4	.2	5.0	.2	23.7	.2	52.5	.2	90.0
.4	10.1	.4	5.3	.4	24.2	.4	53.3	.4	90.5
.6	9.9	.6	5.7	.6	24.6	.6	54.2	.6	91.1
.8	9.6	.8	6.0	.8	25.1	.8	55.0	.8	91.6
57.	9.3	67.	6.4	77.	25.5	87.	55.8	97.	92.2
.2	9.0	.2	6.7	.2	26.0	.2	56.7	.2	92.7
.4	8.7	.4	7.1	.4	26.4	.4	57.6	.4	93.3
.6	8.4	.6	7.4	.6	26.9	.6	58.4	.6	93.8
.8	8.1	.8	7.8	.8	27.3	.8	59.3	.8	94.4
58.	7.8	68.	8.1	78.	27.8	88.	60.2	98.	94.9
.2	7.5	.2	8.5	.2	28.3	.2	61.1	.2	95.4
.4	7.2	.4	8.8	.4	28.8	.4	61.9	.4	95.9
.6	6.9	.6	9.2	.6	29.2	.6	62.8	.6	96.4
.8	6.6	.8	9.5	.8	29.7	.8	63.6	.8	96.9
59.	6.3	69.	9.9	79.	30.2	89.	64.5	99.	97.4
.2	6.0	.2	10.3	.2	30.7	.2	65.3	.2	97.9
.4	5.7	.4	10.6	.4	31.2	.4	66.2	.4	98.4
.6	5.4	.6	11.0	.6	31.7	.6	67.0	.6	98.8
.8	5.1	.8	11.3	.8	32.2	.8	67.9	.8	99.3
60.	4.8	70.	11.7	80.	32.7	90.	68.7	100.	99.8

Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.8	20.	53.6	30.	43.4	40.	31.8
.2	—	.2	62.6	.2	53.4	.2	43.2	.2	31.6
.4	—	.4	62.4	.4	53.2	.4	42.9	.4	31.3
.6	—	.6	62.3	.6	53.1	.6	42.7	.6	31.1
.8	—	.8	62.1	.8	52.9	.8	42.4	.8	30.8
1.	—	11.	61.9	21.	52.7	31.	42.2	41.	30.6
.2	—	.2	61.7	.2	52.5	.2	42.0	.2	30.3
.4	—	.4	61.6	.4	52.3	.4	41.8	.4	30.1
.6	—	.6	61.4	.6	52.1	.6	41.5	.6	29.8
.8	69.9	.8	61.3	.8	51.9	.8	41.3	.8	29.6
2.	69.7	12.	61.1	22.	51.7	32.	41.1	42.	29.3
.2	69.5	.2	60.9	.2	51.5	.2	40.9	.2	29.1
.4	69.3	.4	60.7	.4	51.3	.4	40.7	.4	28.8
.6	69.2	.6	60.6	.6	51.1	.6	40.4	.6	28.6
.8	69.0	.8	60.4	.8	50.9	.8	40.2	.8	28.3
3.	68.8	13.	60.2	23.	50.7	33.	40.0	43.	28.1
.2	68.6	.2	60.0	.2	50.5	.2	39.8	.2	27.8
.4	68.5	.4	59.8	.4	50.3	.4	39.6	.4	27.6
.6	68.3	.6	59.7	.6	50.1	.6	39.3	.6	27.3
.8	68.2	.8	59.5	.8	49.9	.8	39.1	.8	27.1
4.	68.0	14.	59.3	24.	49.7	34.	38.9	44.	26.8
.2	67.8	.2	59.1	.2	49.5	.2	38.7	.2	26.5
.4	67.7	.4	58.9	.4	49.3	.4	38.5	.4	26.3
.6	67.5	.6	58.8	.6	49.1	.6	38.2	.6	26.0
.8	67.4	.8	58.6	.8	48.9	.8	38.0	.8	25.8
5.	67.2	15.	58.4	25.	48.7	35.	37.8	45.	25.5
.2	67.0	.2	58.2	.2	48.5	.2	37.6	.2	25.2
.4	66.8	.4	58.0	.4	48.3	.4	37.3	.4	25.0
.6	66.7	.6	57.8	.6	48.0	.6	37.1	.6	24.7
.8	66.5	.8	57.6	.8	47.8	.8	36.8	.8	24.5
6.	66.3	16.	57.4	26.	47.6	36.	36.6	46.	24.2
.2	66.1	.2	57.2	.2	47.4	.2	36.4	.2	23.9
.4	65.9	.4	57.0	.4	47.2	.4	36.1	.4	23.7
.6	65.8	.6	56.9	.6	46.9	.6	35.9	.6	23.4
.8	65.6	.8	56.7	.8	46.7	.8	35.6	.8	23.2
7.	65.4	17.	56.5	27.	46.5	37.	35.4	47.	22.9
.2	65.2	.2	56.3	.2	46.3	.2	35.2	.2	22.6
.4	65.1	.4	56.1	.4	46.1	.4	34.9	.4	22.4
.6	64.9	.6	55.9	.6	45.9	.6	34.7	.6	22.1
.8	64.8	.8	55.7	.8	45.7	.8	34.4	.8	21.9
8.	64.6	18.	55.5	28.	45.5	38.	34.2	48.	21.6
.2	64.4	.2	55.3	.2	45.3	.2	34.0	.2	21.3
.4	64.2	.4	55.1	.4	45.1	.4	33.7	.4	21.0
.6	64.1	.6	55.0	.6	44.9	.6	33.5	.6	20.8
.8	63.9	.8	54.8	.8	44.7	.8	33.2	.8	20.5
9.	63.7	19.	54.6	29.	44.5	39.	33.0	49.	20.2
.2	63.5	.2	54.4	.2	44.3	.2	32.8	.2	19.9
.4	63.3	.4	54.2	.4	44.1	.4	32.5	.4	19.7
.6	63.2	.6	54.0	.6	43.8	.6	32.3	.6	19.4
.8	63.0	.8	53.8	.8	43.6	.8	32.0	.8	19.2
10.	62.8	20.	53.6	30.	43.4	40.	31.8	50.	18.9

TEMPERATURE 41°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.9	60.	4.5	70.	12.0	80.	33.1	90.	68.9
.2	18.6	.2	4.2	.2	12.4	.2	33.6	.2	69.7
.4	18.3	.4	3.9	.4	12.7	.4	34.1	.4	70.5
.6	18.1	.6	3.6	.6	13.1	.6	34.7	.6	71.3
.8	17.8	.8	3.3	.8	13.4	.8	35.2	.8	72.1
51.	17.5	61.	3.0	71.	13.8	81.	35.7	91.	72.9
.2	17.2	.2	2.7	.2	14.2	.2	36.3	.2	73.6
.4	16.9	.4	2.4	.4	14.6	.4	36.8	.4	74.3
.6	16.7	.6	2.1	.6	14.9	.6	37.4	.6	75.1
.8	16.4	.8	1.8	.8	15.3	.8	37.9	.8	75.8
52.	16.1	62.	1.5	72.	15.7	82.	38.5	92.	76.5
.2	15.8	.2	1.2	.2	16.1	.2	39.1	.2	77.2
.4	15.5	.4	.9	.4	16.5	.4	39.7	.4	77.9
.6	15.3	.6	.5	.6	16.8	.6	40.2	.6	78.7
.8	15.0	.8	.2	.8	17.2	.8	40.8	.8	79.4
53.	14.7	63.	.1	73.	17.6	83.	41.4	93.	80.1
.2	14.4	.2	.4	.2	18.0	.2	42.0	.2	80.8
.4	14.1	.4	.7	.4	18.4	.4	42.7	.4	81.4
.6	13.9	.6	1.1	.6	18.8	.6	43.3	.6	82.1
.8	13.6	.8	1.4	.8	19.2	.8	44.0	.8	82.7
54.	13.3	64.	1.7	74.	19.6	84.	44.6	94.	83.4
.2	13.0	.2	2.0	.2	20.0	.2	45.3	.2	84.0
.4	12.7	.4	2.3	.4	20.4	.4	46.0	.4	84.6
.6	12.5	.6	2.7	.6	20.8	.6	46.7	.6	85.3
.8	12.2	.8	3.0	.8	21.2	.8	47.4	.8	85.9
55.	11.9	65.	3.3	75.	21.6	85.	48.1	95.	86.5
.2	11.6	.2	3.6	.2	22.0	.2	48.9	.2	87.1
.4	11.3	.4	4.0	.4	22.4	.4	49.7	.4	87.7
.6	11.0	.6	4.3	.6	22.9	.6	50.4	.6	88.3
.8	10.7	.8	4.7	.8	23.3	.8	51.2	.8	88.9
56.	10.4	66.	5.0	76.	23.7	86.	52.0	96.	89.5
.2	10.1	.2	5.3	.2	24.1	.2	52.8	.2	90.1
.4	9.8	.4	5.7	.4	24.6	.4	53.7	.4	90.6
.6	9.6	.6	6.0	.6	25.0	.6	54.5	.6	91.2
.8	9.3	.8	6.4	.8	25.5	.8	55.4	.8	91.7
57.	9.0	67.	6.7	77.	25.9	87.	56.2	97.	92.3
.2	8.7	.2	7.0	.2	26.4	.2	57.1	.2	92.8
.4	8.4	.4	7.4	.4	26.8	.4	57.9	.4	93.3
.6	8.1	.6	7.7	.6	27.3	.6	58.8	.6	93.9
.8	7.8	.8	8.1	.8	27.7	.8	59.6	.8	94.4
58.	7.5	68.	8.4	78.	28.2	88.	60.5	98.	94.9
.2	7.2	.2	8.8	.2	28.7	.2	61.4	.2	95.4
.4	6.9	.4	9.1	.4	29.2	.4	62.2	.4	95.9
.6	6.6	.6	9.5	.6	29.6	.6	63.1	.6	96.4
.8	6.3	.8	9.8	.8	30.1	.8	63.9	.8	96.9
59.	6.0	69.	10.2	79.	30.6	89.	64.8	99.	97.4
.2	5.7	.2	10.6	.2	31.1	.2	65.6	.2	97.9
.4	5.4	.4	10.9	.4	31.6	.4	66.4	.4	98.4
.6	5.1	.6	11.3	.6	32.1	.6	67.3	.6	98.8
.8	4.8	.8	11.6	.8	32.6	.8	68.1	.8	99.3
60.	4.5	70.	12.0	80.	33.1	90.	68.9	100.	99.8

TEMPERATURE 42°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.6	20.	53.4	30.	43.1	40.	31.5
.2	—	.2	62.4	.2	53.2	.2	42.9	.2	31.3
.4	—	.4	62.2	.4	53.0	.4	42.7	.4	31.0
.6	—	.6	62.1	.6	52.8	.6	42.4	.6	30.8
.8	—	.8	61.9	.8	52.6	.8	42.2	.8	30.5
1.	—	11.	61.7	21.	52.4	31.	42.0	41.	30.3
.2	—	.2	61.5	.2	52.2	.2	41.8	.2	30.0
.4	69.9	.4	61.4	.4	52.0	.4	41.6	.4	29.8
.6	69.8	.6	61.2	.6	51.8	.6	41.3	.6	29.5
.8	69.6	.8	61.1	.8	51.6	.8	41.1	.8	29.3
2.	69.4	12.	60.9	22.	51.4	32.	40.9	42.	29.0
.2	69.2	.2	60.7	.2	51.2	.2	40.7	.2	28.8
.4	69.1	.4	60.5	.4	51.0	.4	40.5	.4	28.5
.6	68.9	.6	60.4	.6	50.8	.6	40.2	.6	28.3
.8	68.8	.8	60.2	.8	50.6	.8	40.0	.8	28.0
3.	68.6	13.	60.0	23.	50.4	33.	39.8	43.	27.8
.2	68.4	.2	59.8	.2	50.2	.2	39.6	.2	27.5
.4	68.3	.4	59.6	.4	50.0	.4	39.3	.4	27.3
.6	68.1	.6	59.5	.6	49.8	.6	39.1	.6	27.0
.8	68.0	.8	59.3	.8	49.6	.8	38.8	.8	26.8
4.	67.8	14.	59.1	24.	49.4	34.	38.6	44.	26.5
.2	67.6	.2	58.9	.2	49.2	.2	38.4	.2	26.2
.4	67.5	.4	58.7	.4	49.0	.4	38.2	.4	26.0
.6	67.3	.6	58.6	.6	48.8	.6	37.9	.6	25.7
.8	67.2	.8	58.4	.8	48.6	.8	37.7	.8	25.5
5.	67.0	15.	58.2	25.	48.4	35.	37.5	45.	25.2
.2	66.8	.2	58.0	.2	48.2	.2	37.3	.2	24.9
.4	66.6	.4	57.8	.4	48.0	.4	37.0	.4	24.7
.6	66.5	.6	57.6	.6	47.7	.6	36.8	.6	24.4
.8	66.3	.8	57.4	.8	47.5	.8	36.5	.8	24.2
6.	66.1	16.	57.2	26.	47.3	36.	36.3	46.	23.9
.2	65.9	.2	57.0	.2	47.1	.2	36.1	.2	23.6
.4	65.7	.4	56.8	.4	46.9	.4	35.8	.4	23.4
.6	65.6	.6	56.7	.6	46.7	.6	35.6	.6	23.1
.8	65.4	.8	56.5	.8	46.5	.8	35.3	.8	22.9
7.	65.2	17.	56.3	27.	46.3	37.	35.1	47.	22.6
.2	65.0	.2	56.1	.2	46.1	.2	34.9	.2	22.3
.4	64.9	.4	55.9	.4	45.9	.4	34.6	.4	22.1
.6	64.7	.6	55.7	.6	45.7	.6	34.4	.6	21.8
.8	64.6	.8	55.5	.8	45.5	.8	34.1	.8	21.6
8.	64.4	18.	55.3	28.	45.3	38.	33.9	48.	21.3
.2	64.2	.2	55.1	.2	45.1	.2	33.7	.2	21.0
.4	64.0	.4	54.9	.4	44.9	.4	33.4	.4	20.7
.6	63.9	.6	54.8	.6	44.6	.6	33.2	.6	20.5
.8	63.7	.8	54.6	.8	44.4	.8	32.9	.8	20.2
9.	63.5	19.	54.4	29.	44.2	39.	32.7	49.	19.9
.2	63.3	.2	54.2	.2	44.0	.2	32.5	.2	19.6
.4	63.1	.4	54.0	.4	43.8	.4	32.2	.4	19.4
.6	63.0	.6	53.8	.6	43.5	.6	32.0	.6	19.1
.8	62.8	.8	53.6	.8	43.3	.8	31.7	.8	18.9
10.	62.6	20.	53.4	30.	43.1	40.	31.5	50.	18.6

TEMPERATURE 42°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.6	60.	4.2	70.	12.3	80.	33.4	90.	69.1
.2	18.3	.2	3.9	.2	12.7	.2	33.9	.2	69.9
.4	18.0	.4	3.6	.4	13.0	.4	34.5	.4	70.7
.6	17.8	.6	3.3	.6	13.4	.6	35.0	.6	71.4
.8	17.5	.8	3.0	.8	13.7	.8	35.6	.8	72.2
51.	17.2	61.	2.7	71.	14.1	81.	36.1	91.	73.0
.2	16.9	.2	2.4	.2	14.5	.2	36.6	.2	73.7
.4	16.6	.4	2.1	.4	14.9	.4	37.2	.4	74.5
.6	16.4	.6	1.8	.6	15.2	.6	37.7	.6	75.2
.8	16.1	.8	1.5	.8	15.6	.8	38.3	.8	76.0
52.	15.8	62.	1.2	72.	16.0	82.	38.8	92.	76.7
.2	15.5	.2	.9	.2	16.4	.2	39.4	.2	77.4
.4	15.2	.4	.6	.4	16.8	.4	40.0	.4	78.1
.6	15.0	.6	.2	.6	17.2	.6	40.5	.6	78.8
.8	14.7	.8	.1	.8	17.6	.8	41.1	.8	79.5
53.	14.4	63.	.4	73.	18.0	83.	41.7	93.	80.2
.2	14.1	.2	.7	.2	18.4	.2	42.4	.2	80.8
.4	13.8	.4	1.0	.4	18.8	.4	43.0	.4	81.5
.6	13.6	.6	1.4	.6	19.2	.6	43.7	.6	82.1
.8	13.3	.8	1.7	.8	19.6	.8	44.3	.8	82.8
54.	13.0	64.	2.0	74.	20.0	84.	45.0	94.	83.4
.2	12.7	.2	2.3	.2	20.4	.2	45.7	.2	84.0
.4	12.4	.4	2.6	.4	20.8	.4	46.4	.4	84.7
.6	12.2	.6	3.0	.6	21.2	.6	47.0	.6	85.3
.8	11.9	.8	3.3	.8	21.6	.8	47.7	.8	86.0
55.	11.6	65.	3.6	75.	22.0	85.	48.4	95.	86.6
.2	11.3	.2	3.9	.2	22.4	.2	49.2	.2	87.2
.4	11.0	.4	4.3	.4	22.8	.4	50.0	.4	87.8
.6	10.7	.6	4.6	.6	23.3	.6	50.8	.6	88.3
.8	10.4	.8	5.0	.8	23.7	.8	51.6	.8	88.9
56.	10.1	66.	5.3	76.	24.1	86.	52.4	96.	89.5
.2	9.8	.2	5.7	.2	24.5	.2	53.2	.2	90.1
.4	9.5	.4	6.0	.4	25.0	.4	54.1	.4	90.6
.6	9.3	.6	6.4	.6	25.4	.6	54.9	.6	91.2
.8	9.0	.8	6.7	.8	25.9	.8	55.8	.8	91.7
57.	8.7	67.	7.1	77.	26.3	87.	56.6	97.	92.3
.2	8.4	.2	7.4	.2	26.8	.2	57.4	.2	92.8
.4	8.1	.4	7.8	.4	27.2	.4	58.3	.4	93.3
.6	7.8	.6	8.1	.6	27.7	.6	59.1	.6	93.9
.8	7.5	.8	8.5	.8	28.1	.8	60.0	.8	94.4
58.	7.2	68.	8.8	78.	28.6	88.	60.8	98.	94.9
.2	6.9	.2	9.1	.2	29.1	.2	61.6	.2	95.4
.4	6.6	.4	9.5	.4	29.5	.4	62.5	.4	95.9
.6	6.3	.6	9.8	.6	30.0	.6	63.3	.6	96.4
.8	6.0	.8	10.2	.8	30.4	.8	64.2	.8	96.9
59.	5.7	69.	10.5	79.	30.9	89.	65.0	99.	97.4
.2	5.4	.2	10.9	.2	31.4	.2	65.8	.2	97.9
.4	5.1	.4	11.2	.4	31.9	.4	66.6	.4	98.4
.6	4.8	.6	11.6	.6	32.4	.6	67.5	.6	98.8
.8	4.5	.8	11.9	.8	32.9	.8	68.3	.8	99.3
60.	4.2	70.	12.3	80.	33.4	90.	69.1	100.	99.8

TEMPERATURE 43°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.4	20.	53.1	30.	42.8	40.	31.2
.2	—	.2	62.2	.2	52.9	.2	42.6	.2	31.0
.4	—	.4	62.0	.4	52.7	.4	42.4	.4	30.7
.6	—	.6	61.9	.6	52.5	.6	42.1	.6	30.5
.8	—	.8	61.7	.8	52.3	.8	41.9	.8	30.2
1.	—	11.	61.5	21.	52.1	31.	41.7	41.	30.0
.2	69.9	.2	61.3	.2	51.9	.2	41.5	.2	29.8
.4	69.7	.4	61.1	.4	51.7	.4	41.3	.4	29.5
.6	69.6	.6	61.0	.6	51.6	.6	41.0	.6	29.3
.8	69.4	.8	60.8	.8	51.4	.8	40.8	.8	29.0
2.	69.2	12.	60.6	22.	51.2	32.	40.6	42.	28.8
.2	69.0	.2	60.4	.2	51.0	.2	40.4	.2	28.5
.4	68.9	.4	60.2	.4	50.8	.4	40.2	.4	28.3
.6	68.7	.6	60.1	.6	50.6	.6	39.9	.6	28.0
.8	68.6	.8	59.9	.8	50.4	.8	39.7	.8	27.8
3.	68.4	13.	59.7	23.	50.2	33.	39.5	43.	27.5
.2	68.2	.2	59.5	.2	50.0	.2	39.3	.2	27.2
.4	68.1	.4	59.3	.4	49.8	.4	39.0	.4	27.0
.6	67.9	.6	59.2	.6	49.6	.6	38.8	.6	26.7
.8	67.8	.8	59.0	.8	49.4	.8	38.5	.8	26.5
4.	67.6	14.	58.8	24.	49.2	34.	38.3	44.	26.2
.2	67.4	.2	58.6	.2	49.0	.2	38.1	.2	25.9
.4	67.2	.4	58.4	.4	48.8	.4	37.9	.4	25.7
.6	67.1	.6	58.3	.6	48.5	.6	37.6	.6	25.4
.8	66.9	.8	58.1	.8	48.3	.8	37.4	.8	25.2
5.	66.7	15.	57.9	25.	48.1	35.	37.2	45.	24.9
.2	66.5	.2	57.7	.2	47.9	.2	37.0	.2	24.6
.4	66.4	.4	57.5	.4	47.7	.4	36.8	.4	24.4
.6	66.2	.6	57.4	.6	47.5	.6	36.5	.6	24.1
.8	66.1	.8	57.2	.8	47.3	.8	36.3	.8	23.9
6.	65.9	16.	57.0	26.	47.1	36.	36.1	46.	23.6
.2	65.7	.2	56.8	.2	46.9	.2	35.8	.2	23.3
.4	65.5	.4	56.6	.4	46.7	.4	35.6	.4	23.1
.6	65.4	.6	56.4	.6	46.4	.6	35.3	.6	22.8
.8	65.2	.8	56.2	.8	46.2	.8	35.1	.8	22.6
7.	65.0	17.	56.0	27.	46.0	37.	34.8	47.	22.3
.2	64.8	.2	55.8	.2	45.8	.2	34.6	.2	22.0
.4	64.7	.4	55.6	.4	45.6	.4	34.3	.4	21.8
.6	64.5	.6	55.5	.6	45.4	.6	34.1	.6	21.5
.8	64.4	.8	55.3	.8	45.2	.8	33.8	.8	21.3
8.	64.2	18.	55.1	28.	45.0	38.	33.6	48.	21.0
.2	64.0	.2	54.9	.2	44.8	.2	33.4	.2	20.7
.4	63.8	.4	54.7	.4	44.6	.4	33.1	.4	20.4
.6	63.7	.6	54.5	.6	44.3	.6	32.9	.6	20.2
.8	63.5	.8	54.3	.8	44.1	.8	32.6	.8	19.9
9.	63.3	19.	54.1	29.	43.9	39.	32.4	49.	19.6
.2	63.1	.2	53.9	.2	43.7	.2	32.2	.2	19.3
.4	62.9	.4	53.7	.4	43.5	.4	31.9	.4	19.1
.6	62.8	.6	53.5	.6	43.2	.6	31.7	.6	18.8
.8	62.6	.8	53.3	.8	43.0	.8	31.4	.8	18.6
10.	62.4	20.	53.1	30.	42.8	40.	31.2	50.	18.3

TEMPERATURE 43°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.3	60.	3.8	70.	12.6	80.	33.8	90.	69.3
.2	18 0	.2	3.5	.2	13.0	.2	34.3	.2	70.1
.4	17.7	.4	3.2	.4	13.4	.4	34.9	.4	70.9
.6	17.5	.6	2.9	.6	13.7	.6	35.4	.6	71.6
.8	17.2	.8	2.6	.8	14.1	.8	36.0	.8	72.4
51.	16.9	61.	2.3	71.	14.5	81.	36.5	91.	73.2
.2	16.6	.2	2.0	.2	14.9	.2	37.0	.2	73.9
.4	16.3	.4	1.7	.4	15.3	.4	37.6	.4	74.6
.6	16.1	.6	1.4	.6	15.6	.6	38.1	.6	75.4
.8	15.8	.8	1.1	.8	16.0	.8	38.7	.8	76.1
52.	15.5	62.	.8	72.	16.4	82.	39.2	92.	76.8
.2	15.2	.2	.5	.2	16.8	.2	39.8	.2	77.5
.4	14.9	.4	.2	.4	17.2	.4	40.4	.4	78.2
.6	14.7	.6	.2	.6	17.5	.6	40.9	.6	78.8
.8	14.4	.8	.5	.8	17.9	.8	41.5	.8	79.5
53.	14.1	63.	.8	73.	18.3	83.	42.1	93.	80.2
.2	13.8	.2	1.1	.2	18.7	.2	42.7	.2	80.9
.4	13.5	.4	1.4	.4	19.1	.4	43.4	.4	81.5
.6	13.3	.6	1.8	.6	19.5	.6	44.0	.6	82.2
.8	13.0	.8	2.1	.8	19.9	.8	44.7	.8	82.8
54.	12.7	64.	2.4	74.	20.3	84.	45.3	94.	83.5
.2	12.4	.2	2.7	.2	20.7	.2	46.0	.2	84.1
.4	12.1	.4	3.0	.4	21.1	.4	46.7	.4	84.7
.6	11.8	.6	3.4	.6	21.5	.6	47.4	.6	85.4
.8	11.5	.8	3.7	.8	21.9	.8	48.1	.8	86.0
55.	11.2	65.	4.0	75.	22.3	85.	48.8	95.	86.6
.2	10.9	.2	4.3	.2	22.7	.2	49.6	.2	87.2
.4	10.6	.4	4.7	.4	23.1	.4	50.4	.4	87.8
.6	10.4	.6	5.0	.6	23.6	.6	51.2	.6	88.3
.8	10.1	.8	5.4	.8	24.0	.8	52.0	.8	88.9
56.	9.8	66.	5.7	76.	24.4	86.	52.8	96.	89.5
.2	9.5	.2	6.0	.2	24.8	.2	53.6	.2	90.1
.4	9.2	.4	6.4	.4	25.3	.4	54.5	.4	90.6
.6	9.0	.6	6.7	.6	25.7	.6	55.3	.6	91.2
.8	8.7	.8	7.1	.8	26.2	.8	56.2	.8	91.7
57.	8.4	67.	7.4	77.	26.6	87.	57.0	97.	92.3
.2	8.1	.2	7.7	.2	27.1	.2	57.8	.2	92.8
.4	7.8	.4	8.1	.4	27.5	.4	58.6	.4	93.4
.6	7.5	.6	8.4	.6	28.0	.6	59.5	.6	93.9
.8	7.2	.8	8.8	.8	28.4	.8	60.3	.8	94.5
58.	6.9	68.	9.1	78.	28.9	88.	61.1	98.	95.0
.2	6.6	.2	9.4	.2	29.4	.2	61.9	.2	95.5
.4	6.3	.4	9.8	.4	29.9	.4	62.8	.4	96.0
.6	5.9	.6	10.1	.6	30.3	.6	63.6	.6	96.4
.8	5.6	.8	10.5	.8	30.8	.8	64.5	.8	96.9
59.	5.3	69.	10.8	79.	31.3	89.	65.3	99.	97.4
.2	5.0	.2	11.2	.2	31.8	.2	66.1	.2	97.9
.4	4.7	.4	11.5	.4	32.3	.4	66.9	.4	98.4
.6	4.4	.6	11.9	.6	32.8	.6	67.7	.6	98.8
.8	4.1	.8	12.2	.8	33.3	.8	68.5	.8	99.3
60.	3.8	70.	12.6	80.	33.8	90.	69.3	100.	99.8

TEMPERATURE 44°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	62.2	20.	52.8	30.	42.5	40.	30.9
.2	—	.2	62.0	.2	52.6	.2	42.3	.2	30.7
.4	—	.4	61.8	.4	52.4	.4	42.1	.4	30.4
.6	—	.6	61.7	.6	52.3	.6	41.8	.6	30.2
.8	—	.8	61.5	.8	52.1	.8	41.6	.8	29.9
1.	69.9	11.	61.3	21.	51.9	31.	41.4	41.	29.7
.2	69.7	.2	61.1	.2	51.7	.2	41.2	.2	29.5
.4	69.5	.4	60.9	.4	51.5	.4	41.0	.4	29.2
.6	69.4	.6	60.8	.6	51.4	.6	40.7	.6	29.0
.8	69.2	.8	60.6	.8	51.2	.8	40.5	.8	28.7
2.	69.0	12.	60.4	22.	51.0	32.	40.3	42.	28.5
.2	68.8	.2	60.2	.2	50.8	.2	40.1	.2	28.2
.4	68.7	.4	60.0	.4	50.6	.4	39.9	.4	28.0
.6	68.5	.6	59.9	.6	50.4	.6	39.6	.6	27.7
.8	68.4	.8	59.7	.8	50.2	.8	39.4	.8	27.5
3.	68.2	13.	59.5	23.	50.0	33.	39.2	43.	27.2
.2	68.0	.2	59.3	.2	49.8	.2	39.0	.2	26.9
.4	67.8	.4	59.1	.4	49.6	.4	38.8	.4	26.7
.6	67.7	.6	59.0	.6	49.4	.6	38.5	.6	26.4
.8	67.5	.8	58.8	.8	49.2	.8	38.3	.8	26.2
4.	67.3	14.	58.6	24.	49.0	34.	38.1	44.	25.9
.2	67.1	.2	58.4	.2	48.8	.2	37.9	.2	25.6
.4	67.0	.4	58.2	.4	48.6	.4	37.6	.4	25.4
.6	66.8	.6	58.0	.6	48.3	.6	37.4	.6	25.1
.8	66.7	.8	57.8	.8	48.1	.8	37.1	.8	24.9
5.	66.5	15.	57.6	25.	47.9	35.	36.9	45.	24.6
.2	66.3	.2	57.4	.2	47.7	.2	36.7	.2	24.3
.4	66.1	.4	57.2	.4	47.5	.4	36.5	.4	24.1
.6	66.0	.6	57.1	.6	47.2	.6	36.2	.6	23.8
.8	65.8	.8	56.9	.8	47.0	.8	36.0	.8	23.6
6.	65.6	16.	56.7	26.	46.8	36.	35.8	46.	23.3
.2	65.4	.2	56.5	.2	46.6	.2	35.5	.2	23.0
.4	65.3	.4	56.3	.4	46.4	.4	35.3	.4	22.8
.6	65.1	.6	56.2	.6	46.1	.6	35.0	.6	22.5
.8	65.0	.8	56.0	.8	45.9	.8	34.8	.8	22.3
7.	64.8	17.	55.8	27.	45.7	37.	34.5	47.	22.0
.2	64.6	.2	55.6	.2	45.5	.2	34.3	.2	21.7
.4	64.4	.4	55.4	.4	45.3	.4	34.0	.4	21.5
.6	64.3	.6	55.2	.6	45.1	.6	33.8	.6	21.2
.8	64.1	.8	55.0	.8	44.9	.8	33.5	.8	21.0
8.	63.9	18.	54.8	28.	44.7	38.	33.3	48.	20.7
.2	63.7	.2	54.6	.2	44.5	.2	33.1	.2	20.4
.4	63.5	.4	54.4	.4	44.3	.4	32.8	.4	20.1
.6	63.4	.6	54.2	.6	44.0	.6	32.6	.6	19.9
.8	63.2	.8	54.0	.8	43.8	.8	32.3	.8	19.6
9.	63.0	19.	53.8	29.	43.7	39.	32.1	49.	19.3
.2	62.8	.2	53.6	.2	43.4	.2	31.9	.2	19.0
.4	62.7	.4	53.4	.4	43.2	.4	31.6	.4	18.8
.6	62.5	.6	53.2	.6	42.9	.6	31.4	.6	18.5
.8	62.4	.8	53.0	.8	42.7	.8	31.1	.8	18.3
10.	62.2	20.	52.8	30.	42.5	40.	30.9	50.	18.0

TEMPERATURE 44°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	18.0	60.	3.5	70.	13.0	80.	34.2	90.	69.5
.2	17.7	.2	3.2	.2	13.4	.2	34.7	.2	70.3
.4	17.4	.4	2.9	.4	13.7	.4	35.2	.4	71.0
.6	17.2	.6	2.6	.6	14.1	.6	35.8	.6	71.8
.8	16.9	.8	2.3	.8	14.4	.8	36.3	.8	72.5
51.	16.6	61.	2.0	71.	14.8	81.	36.8	91.	73.3
.2	16.3	.2	1.7	.2	15.2	.2	37.4	.2	74.0
.4	16.0	.4	1.4	.4	15.6	.4	37.9	.4	74.7
.6	15.8	.6	1.1	.6	15.9	.6	38.5	.6	75.5
.8	15.5	.8	.8	.8	16.3	.8	39.0	.8	76.2
52.	15.2	62.	.5	72.	16.7	82.	39.6	92.	76.9
2	14.9	.2	.2	.2	17.1	.2	40.2	.2	77.6
.4	14.6	.4	.1	.4	17.5	.4	40.8	.4	78.3
.6	14.4	.6	.5	.6	17.9	.6	41.3	.6	78.9
.8	14.1	.8	.8	.8	18.3	.8	41.9	.8	79.6
53.	13.8	63.	1.1	73.	18.7	83.	42.5	93.	80.3
.2	13.5	.2	1.4	.2	19.1	.2	43.1	.2	81.0
.4	13.2	.4	1.7	.4	19.5	.4	43.8	.4	81.6
.6	13.0	.6	2.1	.6	19.9	.6	44.4	.6	82.3
.8	12.7	.8	2.4	.8	20.3	.8	45.1	.8	82.9
54.	12.4	64.	2.7	74.	20.7	84.	45.7	94.	83.6
.2	12.1	.2	3.0	.2	21.1	.2	46.4	.2	84.2
.4	11.8	.4	3.3	.4	21.5	.4	47.1	.4	84.8
.6	11.5	.6	3.7	.6	21.9	.6	47.8	.6	85.5
.8	11.2	.8	4.0	.8	22.3	.8	48.5	.8	86.1
55.	10.9	65.	4.3	75.	22.7	85.	49.2	95.	86.7
.2	19.6	.2	4.6	.2	23.1	.2	50.0	.2	87.3
.4	10.3	.4	5.0	.4	23.5	.4	50.8	.4	87.9
.6	10.1	.6	5.3	.6	24.0	.6	51.6	.6	88.4
.8	9.8	.8	5.7	.8	24.4	.8	52.4	.8	89.0
56.	9.5	66.	6.0	76.	24.8	86.	53.2	96.	89.6
.2	9.2	.2	6.3	.2	25.2	.2	54.0	.2	90.1
.4	8.9	.4	6.7	.4	25.7	.4	54.8	.4	90.7
.6	8.6	.6	7.0	.6	26.1	.6	55.7	.6	91.2
.8	8.3	.8	7.4	.8	26.6	.8	56.5	.8	91.8
57.	8.0	67.	7.7	77.	27.0	87.	57.3	97.	92.3
.2	7.7	.2	8.0	.2	27.5	.2	58.1	.2	92.8
.4	7.4	.4	8.4	.4	27.9	.4	58.9	.4	93.4
.6	7.2	.6	8.7	.6	28.4	.6	59.8	.6	93.9
.8	6.9	.8	9.1	.8	28.8	.8	60.6	.8	94.5
58.	6.6	68.	9.4	78.	29.3	88.	61.4	98.	95.0
.2	6 3	.2	9.8	.2	29.8	.2	62.2	.2	95.5
.4	6.0	.4	10.1	.4	30.3	.4	63.0	.4	96.0
.6	5.7	.6	10.5	.6	30.7	.6	63.9	.6	96.5
.8	5.4	.8	10.8	.8	31.2	.S	64.7	.8	97.0
59.	5.1	69.	11.2	79.	31.7	89.	65.5	99.	97.5
.2	4.8	.2	11.6	.2	32.2	.2	66.3	.2	98.0
.4	4.5	.4	11.9	.4	32.7	.4	67.1	.4	98.5
.6	4.1	.6	12.3	.6	33.2	.6	67.9	.6	98.9
.8	3.8	.8	12.6	.8	33.7	.8	68.7	.8	99.4
60.	3.5	70.	13.0	80.	34.2	90.	69.5	100.	99.9

TEMPERATURE 45°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	61.9	20.	52.6	30.	42.2	40.	30.7
.2	—	.2	61.7	.2	52.4	.2	42.0	.2	30.4
.4	—	.4	61.5	.4	52.2	.4	41.8	.4	30.2
.6	70.0	.6	61.4	.6	52.1	.6	41.5	.6	29.9
.8	69.8	.8	61.2	.8	51.9	.8	41.3	.8	29.7
1.	69.6	11.	61.0	21.	51.7	31.	41.1	41.	29.4
.2	69.4	.2	60.8	.2	51.5	.2	40.9	.2	29.2
.4	69.3	.4	60.6	.4	51.3	.4	40.7	.4	28.9
.6	69.1	.6	60.5	.6	51.1	.6	40.4	.6	28.7
.8	69.0	.8	60.3	.8	50.9	.8	40.2	.8	28.4
2.	68.8	12.	60.1	22.	50.7	32.	40.0	42.	28.2
.2	68.6	.2	59.9	.2	50.5	.2	39.8	.2	27.9
.4	68.5	.4	59.7	.4	50.3	.4	39.6	.4	27.7
.6	68.3	.6	59.6	.6	50.1	.6	39.3	.6	27.4
.8	68.2	.8	59.4	.8	49.9	.8	39.1	.8	27.2
3.	68.0	13.	59.2	23.	49.7	33.	38.9	43.	26.9
.2	67.8	.2	59.0	.2	49.5	.2	38.7	.2	26.6
.4	67.6	.4	58.8	.4	49.3	.4	38.5	.4	26.4
.6	67.5	.6	58.7	.6	49.1	.6	38.2	.6	26.1
.8	67.3	.8	58.5	.8	48.9	.8	38.0	.8	25.9
4.	67.2	14.	58.3	24.	48.7	34	37.8	44.	25.6
.2	66.9	.2	58.1	.2	48.5	.2	37.6	.2	25.4
.4	66.8	.4	57.9	.4	48.3	.4	37.3	.4	25.1
.6	66.6	.6	57.8	.6	48.0	.6	37.1	.6	24.9
.8	66.5	.8	57.6	.8	47.8	.8	36.8	.8	24.6
5.	66.3	15.	57.4	25.	47.6	35.	36.6	45.	24.4
.2	66.1	.2	57.2	.2	47.4	.2	36.4	.2	24.1
.4	65.9	.4	57.0	.4	47.2	.4	36.2	.4	23.9
.6	65.8	.6	56.8	.6	46.9	.6	35.9	.6	23.6
.8	65.6	.8	56.6	.8	46.7	.8	35.7	.8	23.4
6.	65.4	16.	56.4	26.	46.5	36.	35.5	46.	23.1
.2	65.2	.2	56.2	.2	46.3	.2	35.3	.2	22.8
.4	65.0	.4	56.0	.4	46.1	.4	35.0	.4	22.5
.6	64.9	.6	55.9	.6	45.9	.6	34.8	.6	22.3
.8	64.7	.8	55.7	.8	45.7	.8	34.5	.8	22.0
7.	64.5	17.	55.5	27.	45.5	37.	34.3	47.	21.7
.2	64.3	.2	55.3	.2	45.3	.2	34.1	.2	21.4
.4	64.2	.4	55.1	.4	45.1	.4	33.8	.4	21.1
.6	64.0	.6	55.0	.6	44.9	.6	33.6	.6	20.9
.8	63.9	.8	54.8	.8	44.7	.8	33.3	.8	20.6
8.	63.7	18.	54.6	28.	44.5	38.	33.1	48.	20.3
.2	63.5	.2	54.4	.2	44.3	.2	32.8	.2	20.0
.4	63.3	.4	54.2	.4	44.1	.4	32.6	.4	19.8
.6	63.2	.6	54.0	.6	43.8	.6	32.3	.6	19.5
.8	63.0	.8	53.8	.8	43.6	.8	32.1	.8	19.3
9.	62.8	19.	53.6	29.	43.4	39.	31.8	49.	19.0
.2	62.6	.2	53.4	.2	43.2	.2	31.6	.2	18.7
.4	62.4	.4	53.2	.4	42.9	.4	31.4	.4	18.5
.6	62.3	.6	53.0	.6	42.7	.6	31.1	.6	18.2
.8	62.1	.8	52.8	.8	42.4	.8	30.9	.8	18.0
10.	61.9	20.	52.6	30.	42.2	40.	30.7	50.	17.7

TEMPERATURE 45°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Ceut. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	17.7	60.	3.2	70.	13.4	80.	34.5	90.	69.7
.2	17.4	.2	2.9	.2	13.8	.2	35.0	.2	70.5
.4	17.1	.4	2.6	.4	14.1	.4	35.6	.4	71.2
.6	16.9	.6	2.3	.6	14.5	.6	36.1	.6	72.0
.8	16.6	.8	2.0	.8	14.8	.8	36.7	.8	72.7
51.	16.3	61.	1.7	71.	15.2	81.	37.2	91.	73.5
.2	16.0	.2	1.4	.2	15.6	.2	37.7	.2	74.2
.4	15.7	.4	1.1	.4	16.0	.4	38.3	.4	74.9
.6	15.5	6	.8	.6	16.3	.6	38.8	.6	75.6
.8	15.2	.8	.5	.8	16.7	.8	39.4	.8	76.3
52.	14.9	62.	.2	72.	17.1	82.	39.9	92.	77.0
.2	14.6	.2	.1	.2	17.5	.2	40.5	.2	77.7
.4	14.3	.4	.4	.4	17.9	.4	41.1	.4	78.4
.6	14.1	.6	.8	.6	18.3	.6	41.6	.6	79.0
.8	13.8	.8	1.1	.8	18.7	.8	42.2	.8	79.7
53.	13.5	63.	1.4	73.	19.1	83.	42.8	93.	80.4
.2	13.2	.2	1.7	.2	19.5	.2	43.5	.2	81.1
.4	12.9	.4	2.1	.4	19.9	.4	44.1	.4	81.7
.6	12.7	.6	2.4	.6	20.3	.6	44.8	.6	82.4
.8	12.4	.8	2.8	.8	20.7	.8	45.4	.8	83.0
54.	12.1	64.	3.1	74.	21.1	84.	46.1	94.	83.7
.2	11.8	.2	3.4	.2	21.5	.2	45.8	.2	84.3
.4	11.5	.4	3.7	.4	21.9	.4	47.5	.4	84.9
.6	11.2	.6	4.1	.6	22.3	.6	48.2	.6	85.5
.8	10.9	.8	4.4	.8	22.7	.8	48.9	.8	86.1
55.	10.6	65.	4.7	75.	23.1	85.	49.6	95.	86.7
.2	10.3	.2	5.0	.2	23.5	.2	50.4	.2	87.3
.4	10.0	.4	5.4	.4	23.9	.4	51.2	.4	87.9
.6	9.7	.6	5.7	.6	24.4	.6	52.0	.6	88.4
.8	9.4	.8	6.1	.8	24.8	.8	52.8	.8	89.0
56.	9.1	66.	6.4	76.	25.2	86.	53.6	96.	89.6
.2	8.8	.2	6.7	.2	25.6	.2	54.4	.2	90.2
.4	8.5	.4	7.1	.4	26.1	.4	55.2	.4	90.7
.6	8.3	.6	7.4	.6	26.5	.6	56.0	.6	91.3
.8	8.0	.8	7.8	.8	27.0	.8	56.8	.8	91.8
57.	7.7	67.	8.1	77.	27.4	87.	57.6	97.	92.4
.2	7.4	.2	8.4	.2	27.9	.2	58.4	.2	92.9
.4	7.1	.4	8.8	.4	28.3	.4	59.2	.4	93.4
.6	6.8	.6	9.1	.6	28.8	.6	60.1	.6	94.0
.8	6.5	.8	9.5	.8	29.2	.8	60.9	.8	94.5
58.	6.2	68.	9.8	78.	29.7	88.	61.7	98.	95.0
.2	5.9	.2	10.2	.2	30.2	.2	62.5	.2	95.5
.4	5.6	.4	10.5	.4	30.6	.4	63.3	.4	96.0
.6	5.3	.6	10.9	.6	31.1	.6	64.2	.6	96.5
.8	5.0	8	11.2	.8	31.5	.8	65.0	.8	97.0
59.	4.8	69.	11.6	79.	32.0	89.	65.8	99.	97.5
.2	4.4	.2	12.0	.2	32.5	.2	66.6	.2	98.0
.4	4.1	.4	12.3	.4	33.0	.4	67.4	.4	98.5
.6	3.8	.6	12.7	.6	33.5	.6	68.1	.6	98.9
.8	3.5	.8	13.0	.8	34.0	.8	68.9	.8	99.4
60.	3.2	70.	13.4	80.	34.5	90.	69.7	100.	99.9

TEMPERATURE 46°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	—	10.	61.7	20.	52.4	30.	41.9	40.	30.4
.2	—	.2	61.5	.2	52.2	.2	41.8	.2	30.1
.4	69.9	.4	61.3	.4	52.0	.4	41.6	.4	29.9
.6	69.8	.6	61.2	.6	51.8	.6	41.3	.6	29.6
.8	69.6	.8	61.0	.8	51.6	.8	41.1	.8	29.4
1.	69.4	11.	60.8	21.	51.3	31.	40.9	41.	29.1
.2	69.2	.2	60.6	.2	51.2	.2	40.7	.2	28.9
.4	69.1	.4	60.4	.4	51.0	.4	40.5	.4	28.6
.6	68.9	.6	60.3	.6	50.8	.6	40.2	.6	28.4
.8	68.8	.8	60.1	.8	50.6	.8	40.0	.8	28.1
2.	68.6	12.	59.9	22.	50.4	32.	39.8	42.	27.9
.2	68.4	.2	59.7	.2	50.2	.2	39.6	.2	27.6
.4	68.2	.4	59.5	.4	50.0	.4	39.3	.4	27.4
.6	68.1	.6	59.4	.6	49.8	.6	39.1	.6	27.1
.8	67.9	.8	59.2	.8	49.6	.8	38.8	.8	26.9
3.	67.7	13.	59.0	23.	49.4	33.	38.6	43.	26.6
.2	67.5	.2	58.8	.2	49.2	.2	38.4	.2	26.3
.4	67.4	.4	58.6	.4	49.0	.4	38.2	.4	26.1
.6	67.2	.6	58.5	.6	48.8	.6	37.9	.6	25.8
.8	67.1	.8	58.3	.8	48.6	.8	37.7	.8	25.6
4.	66.9	14.	58.1	24.	48.4	34.	37.5	44.	25.3
.2	66.7	.2	57.9	.2	48.2	.2	37.3	.2	25.1
.4	66.6	.4	57.7	.4	48.0	.4	37.0	.4	24.8
.6	66.4	.6	57.6	.6	47.7	.6	36.8	.6	24.6
.8	66.3	.8	57.4	.8	47.5	.8	36.5	.8	24.3
5.	66.1	15.	57.2	25.	47.3	35.	36.3	45.	24.1
.2	65.9	.2	57.0	.2	47.1	.2	36.1	.2	23.8
.4	65.7	.4	56.8	.4	46.9	.4	35.9	.4	23.6
.6	65.6	.6	56.6	.6	46.7	.6	35.6	.6	23.3
.8	65.4	.8	56.4	.8	46.5	.8	35.4	.8	23.1
6.	65.2	16.	56.2	26.	46.3	36.	35.2	46.	22.8
.2	65.0	.2	56.0	.2	46.1	.2	35.0	.2	22.5
.4	64.8	.4	55.8	.4	45.9	.4	34.7	.4	22.2
.6	64.7	.6	55.7	.6	45.7	.6	34.5	.6	22.0
.8	64.5	.8	55.5	.8	45.5	.8	34.2	.8	21.7
7.	64.3	17.	55.3	27.	45.3	37.	34.0	47.	21.4
.2	64.1	.2	55.1	.2	45.1	.2	33.8	.2	21.1
.4	64.0	.4	54.9	.4	44.9	.4	33.5	.4	20.8
.6	63.8	.6	54.8	.6	44.6	.6	33.3	.6	20.6
.8	63.7	.8	54.6	.8	44.4	.8	33.0	.8	20.3
8.	63.5	18.	54.4	28.	44.2	38.	32.8	48.	20.0
.2	63.3	.2	54.2	.2	44.0	.2	32.6	.2	19.7
.4	63.1	.4	54.0	.4	43.8	.4	32.3	.4	19.5
.6	63.0	.6	53.8	.6	43.5	.6	32.1	.6	19.2
.8	62.8	.8	53.6	.8	43.3	.8	31.8	.8	19.0
9.	62.6	19.	53.4	29.	43.1	39.	31.6	49.	18.7
.2	62.4	.2	53.2	.2	42.9	.2	31.4	.2	18.4
.4	62.2	.4	53.0	.4	42.7	.4	31.1	.4	18.1
.6	62.1	.6	52.8	.6	42.4	.6	30.9	.6	17.9
.8	61.9	.8	52.6	.8	42.2	.8	30.6	.8	17.6
10.	61.7	20.	52.4	30.	41.9	40.	30.4	50.	17.3

TEMPERATURE 46°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	17.3	60.	2.9	70.	13.7	80.	34.9	90.	69.9
.2	17.0	.2	2.6	.2	14.1	.2	35.4	.2	70.6
.4	16.8	.4	2.3	.4	14.5	.4	36.0	.4	71.4
.6	16.5	.6	2.0	.6	14.8	.6	36.5	.6	72.1
.8	16.3	.8	1.7	.8	15.2	.8	37.1	.8	72.9
51.	16.0	61.	1.4	71.	15.6	81.	37.6	91.	73.6
.2	15.7	.2	1.1	.2	16.0	.2	38.1	.2	74.3
.4	15.4	.4	.8	.4	16.4	.4	38.7	.4	75.0
.6	15.2	.6	.4	.6	16.7	.6	39.2	.6	75.8
.8	14.9	.8	.1	.8	17.1	.8	39.8	.8	76.5
52.	14.6	62.	.2	72.	17.5	82.	40.3	92.	77.2
.2	14.3	.2	.5	.2	17.9	.2	40.9	.2	77.9
.4	14.0	.4	.8	.4	18.3	.4	41.5	.4	78.5
.6	13.7	.6	1.1	.6	18.6	.6	42.0	.6	79.2
.8	13.4	.8	1.4	.8	19.0	.8	42.6	.8	79.8
53.	13.1	63.	1.7	73.	19.4	83.	43.2	93.	80.5
.2	12.8	.2	2.0	.2	19.8	.2	43.9	.2	81.1
.4	12.5	.4	2.4	.4	20.2	.4	44.5	.4	81.8
.6	12.3	.6	2.7	.6	20.6	.6	45.2	.6	82.4
.8	12.0	.8	3.1	.8	2l.0	.8	45.8	.8	83.1
54.	11.7	64.	3.4	74.	21.4	84.	46.5	94.	83.7
.2	11.4	.2	3.7	.2	21.8	.2	47.2	.2	84.3
.4	11.1	.4	4.1	.4	22.2	.4	47.9	.4	84.9
.6	10.9	.6	4.4	.6	22.6	.6	48.6	.6	85.6
.8	10.6	.8	4.8	.8	23.0	.8	49.3	.8	86.2
55.	10.3	65.	5.1	75.	23.4	85.	50.0	95.	86.8
.2	10.0	.2	5.4	.2	23.8	.2	50.8	.2	87.4
.4	9.7	.4	5.7	.4	24.2	.4	51.6	.4	88.0
.6	9.4	.6	6.1	.6	24.7	.6	52.3	.6	88.5
.8	9.1	.8	6.4	.8	25.1	.8	53.1	.8	89.1
56.	8.8	66.	6.7	76.	25.5	86.	53.9	96.	89.7
.2	8.5	.2	7.0	.2	25.9	.2	54.7	.2	90.2
.4	8.2	.4	7.4	.4	26.4	.4	55.5	.4	90.8
.6	7.9	.6	7.7	.6	26.8	.6	56.4	.6	91.3
.8	7.6	.8	8.1	.8	27.3	.8	57.2	.8	91.9
57.	7.3	67.	8.4	77.	27.7	87.	58.0	97.	92.4
.2	7.0	.2	8.7	.2	28.2	.2	58.8	.2	92.9
.4	6.7	.4	9.1	.4	28.6	.4	59.6	.4	93.4
.6	6.5	.6	9.4	.6	29.1	.6	60.4	.6	94.0
.8	6.2	.8	9.8	.8	29.5	.8	61.2	.8	94.5
58.	5.9	68.	10.1	78.	30.0	88.	62.0	98.	95.0
.2	5.6	.2	10.5	.2	30.5	.2	62.8	.2	95.5
.4	5.3	.4	10.8	.4	31.0	.4	63.6	.4	96.0
.6	5.0	.6	11.2	.6	31.4	.6	64.4	.6	96.5
.8	4.7	.8	11.5	.8	31.9	.8	65.2	.8	97.0
59.	4.4	69.	11.9	79.	32.4	89.	66.0	99.	97.5
.2	4.1	.2	12.3	.2	32.9	.2	66.8	.2	98.0
.4	3.8	.4	12.6	.4	33.4	.4	67.6	.4	98.5
.6	3.5	.6	13.0	.6	33.9	.6	68.3	.6	98.9
.8	3.2	.8	13.3	.8	34.4	.8	69.1	.8	99.4
60.	2.9	70.	13.7	80.	34.9	90.	69.9	100.	99.9

TEMPERATURE 47°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	70.0	10.	61.5	20.	52.1	30.	41.7	40.	30.1
.2	69.8	.2	61.3	.2	51.9	.2	41.5	.2	29.8
.4	69.6	.4	61.1	.4	51.7	.4	41.3	.4	29.6
.6	69.5	.6	61.0	.6	51.5	.6	41.0	.6	29.3
.8	69.3	.8	60.8	.8	51.3	.8	40.8	.8	29.1
1.	69.1	11.	60.6	21.	51.1	31.	40.6	41.	28.8
.2	68.9	.2	60.4	.2	50.9	.2	40.4	.2	28.6
.4	68.8	.4	60.2	.4	50.7	.4	40.2	.4	28.3
.6	68.6	.6	60.1	.6	50.5	.6	39.9	.6	28.1
.8	68.5	.8	59.9	.8	50.3	.8	39.7	.8	27.8
2.	68.3	12.	59.7	22.	50.1	32.	39.5	42.	27.6
.2	68.1	.2	59.5	.2	49.9	.2	39.3	.2	27.3
.4	68.0	.4	59.3	.4	49.7	.4	39.0	.4	27.1
.6	67.8	.6	59.2	.6	49.6	.6	38.8	.6	26.8
.8	67.7	.8	59.0	.8	49.4	.8	38.5	.8	26.6
3.	67.5	13.	58.8	23.	49.2	33.	38.3	43.	26.3
.2	67.3	.2	58.6	.2	49.0	.2	38.1	.2	26.0
.4	67.2	.4	58.4	.4	48.8	.4	37.9	.4	25.8
.6	67.0	.6	58.3	.6	48.5	.6	37.6	.6	25.5
.8	66.9	.8	58.1	.8	48.3	.8	37.4	.8	25.3
4.	66.7	14.	57.9	24.	48.1	34.	37.2	44.	25.0
.2	66.5	.2	57.7	.2	47.9	.2	37.0	.2	24.7
.4	66.3	.4	57.5	.4	47.7	.4	36.8	.4	24.5
.6	66.2	.6	57.3	.6	47.5	.6	36.5	.6	24.2
.8	66.0	.8	57.1	.8	47.3	.8	36.3	.8	24.0
5.	65.8	15.	56.9	25.	47.1	35.	36.1	45.	23.7
.2	65.6	.2	56.7	.2	46.9	.2	35.9	.2	23.4
.4	65.5	.4	56.5	.4	46.7	.4	35.6	.4	23.2
.6	65.3	.6	56.4	.6	46.4	.6	35.4	.6	22.9
.8	65.2	.8	56.2	.8	46.2	.8	35.1	.8	22.7
6.	65.0	16.	56.0	26.	46.0	36.	34.9	46.	22.4
.2	64.8	.2	55.8	.2	45.8	.2	34.7	.2	22.1
.4	64.6	.4	55.6	.4	45.6	.4	34.4	.4	21.9
.6	64.5	.6	55.4	.6	45.4	.6	34.2	.6	21.6
.8	64.3	.8	55.2	.8	45.2	.8	33.9	.8	21.4
7.	64.1	17.	55.0	27.	45.0	37.	33.7	47.	21.1
.2	63.9	.2	54.8	.2	44.8	.2	33.5	.2	20.8
.4	63.7	.4	54.6	.4	44.6	.4	33.2	.4	20.5
.6	63.6	.6	54.5	.6	44.3	.6	33.0	.6	20.3
.8	63.4	.8	54.3	.8	44.1	.8	32.7	.8	20.0
8.	63.2	18.	54.1	28.	43.9	38.	32.5	48.	19.7
.2	63.0	.2	53.9	.2	43.7	.2	32.3	.2	19.4
.4	62.9	.4	53.7	.4	43.5	.4	32.0	.4	19.2
.6	62.7	.6	53.5	.6	43.2	.6	31.8	.6	18.9
.8	62.6	.8	53.3	.8	43.0	.8	31.5	.8	18.7
9.	62.4	19.	53.1	29.	42.8	39.	31.3	49.	18.4
.2	62.2	.2	52.9	.2	42.6	.2	31.1	.2	18.1
.4	62.0	.4	52.7	.4	42.4	.4	30.8	.4	17.8
.6	61.9	.6	52.5	.6	42.1	.6	30.6	.6	17.6
.8	61.7	.8	52.3	.8	41.9	.8	30.3	.8	17.3
10.	61.5	20.	52.1	30.	41.7	40.	30.1	50.	17.0

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	17.0	60.	2.6	70.	14.1	80.	35.4	90.	70.1
.2	16.7	.2	2.3	.2	14.5	.2	35.9	.2	70.8
.4	16.4	.4	2.0	.4	14.8	.4	36.4	.4	71.6
.6	16.2	.6	1.7	.6	15.2	.6	37.0	.6	72.3
.8	15.9	.8	1.4	.8	15.5	.8	37.5	.8	73.1
51.	15.6	61.	1.1	71.	15.9	81.	38.0	91.	73.8
.2	15.3	.2	.8	.2	16.3	.2	38.5	.2	74.5
.4	15.1	.4	.5	.4	16.7	.4	39.1	.4	75.2
.6	14.8	.6	.1	.6	17.0	.6	39.6	.6	75.9
.8	14.6	.8	.2	.8	17.4	.8	40.2	.8	76.6
52.	14.3	62.	.5	72.	17.8	82.	40.7	92.	77.3
.2	14.0	.2	.8	.2	18.2	.2	41.3	.2	78.0
.4	13.7	.4	1.1	.4	18.6	.4	41.9	.4	78.6
.6	13.4	.6	1.5	.6	19.0	.6	42.4	.6	79.3
.8	13.1	.8	1.8	.8	19.4	.8	43.0	.8	79.9
53.	12.8	63.	2.1	73.	19.8	83.	43.6	93.	80.6
.2	12.5	.2	2.4	.2	20.2	.2	44.3	.2	81.2
.4	12.2	.4	2.7	.4	20.6	.4	44.9	.4	81.9
.6	12.0	.6	3.1	.6	21.0	.6	45.6	.6	82.5
.8	11.7	.8	3.4	.8	21.4	.8	46.2	.8	83.2
54.	11.4	64.	3.7	74.	21.8	84.	46.9	94.	83.8
.2	11.1	.2	4.0	.2	22.2	.2	47.6	.2	84.4
.4	10.8	.4	4.4	.4	22.6	.4	48.3	.4	85.0
.6	10.6	.6	4.7	.6	23.0	.6	49.1	.6	85.7
.8	10.3	.8	5.1	.8	23.4	.8	49.8	.8	86.3
55.	10.0	65.	5.4	75.	23.8	85.	50.5	95.	86.9
.2	9.7	.2	5.7	.2	24.2	.2	51.3	.2	87.5
.4	9.4	.4	6.1	.4	24.6	.4	52.0	.4	88.0
.6	9.1	.6	6.4	.6	25.1	.6	52.8	.6	88.6
.8	8.8	.8	6.8	.8	25.5	.8	53.5	.8	89.1
56.	8.5	66.	7.1	76.	25.9	86.	54.3	96.	89.7
.2	8.2	.2	7.4	.2	26.3	.2	55.1	.2	90.3
.4	7.9	.4	7.8	.4	26.8	.4	55.9	.4	90.8
.6	7.6	.6	8.1	.6	27.2	.6	56.7	.6	91.4
.8	7.3	.8	8.5	.8	27.7	.8	57.5	.8	91.9
57.	7.0	67.	8.8	77.	28.1	87.	58.3	97.	92.5
.2	6.7	.2	9.1	.2	28.6	.2	59.1	.2	93.0
.4	6.4	.4	9.5	.4	29.0	.4	59.9	.4	93.5
.6	6.1	.6	9.8	.6	29.5	.6	60.7	.6	94.1
.8	5.8	.8	10.2	.8	29.9	.8	61.5	.8	94.6
58.	5.5	68.	10.5	78.	30.4	88.	62.3	98.	95.1
.2	5.2	.2	10.9	.2	30.9	.2	63.1	.2	95.6
.4	4.9	.4	11.2	.4	31.4	.4	63.9	.4	96.1
.6	4.7	.6	11.6	.6	31.8	.6	64.7	.6	96.5
.8	4.4	.8	11.9	.8	32.3	.8	65.5	.8	97.0
59.	4.1	69.	12.3	79.	32.8	89.	66.3	99.	97.5
.2	3.8	.2	12.7	.2	33.3	.2	67.1	.2	98.0
.4	3.5	.4	13.0	.4	33.8	.4	67.8	.4	98.5
.6	3.2	.6	13.4	.6	34.4	.6	68.6	.6	98.9
.8	2.9	.8	13.7	.8	34.9	.8	69.3	.8	99.4
60.	2.6	70.	14.1	80.	35.4	90.	70.1	100.	99.9

TEMPERATURE 48°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	69.8	10.	61.2	20.	51.9	30.	41.4	40.	29.7
.2	69.6	.2	61.0	.2	51.7	.2	41.2	.2	29.5
.4	69.4	.4	60.8	.4	51.5	.4	41.0	.4	29.2
.6	69.3	.6	60.7	.6	51.3	.6	40.7	.6	29.0
.8	69.1	.8	60.5	.8	51.1	.8	40.5	.8	28.7
1.	68.9	11.	60.3	21.	50.9	31.	40.3	41.	28.5
.2	68.7	.2	60.1	.2	50.7	.2	40.1	.2	28.3
.4	68.6	.4	59.9	.4	50.5	.4	39.9	.4	28.0
.6	68.4	.6	59.8	.6	50.3	.6	39.6	.6	27.8
.8	68.3	.8	59.6	.8	50.1	.8	39.4	.8	27.5
2.	68.1	12.	59.4	22.	49.9	32.	39.2	42.	27.3
.2	67.9	.2	59.2	.2	49.7	.2	39.0	.2	27.0
.4	67.8	.4	59.0	.4	49.5	.4	38.8	.4	26.8
.6	67.6	.6	58.9	.6	49.3	.6	38.5	.6	26.5
.8	67.5	.8	58.7	.8	49.1	.8	38.3	.8	26.3
3.	67.3	13.	58.5	23.	48.9	33.	38.1	43.	26.0
.2	67.1	.2	58.3	.2	48.7	.2	37.9	.2	25.7
.4	66.9	.4	58.1	.4	48.5	.4	37.6	.4	25.5
.6	66.8	.6	58.0	.6	48.2	.6	37.4	.6	25.2
.8	66.6	.8	57.8	.8	48.0	.8	37.1	.8	25.0
4.	66.4	14.	57.6	24.	47.8	34.	36.9	44.	24.7
.2	66.2	.2	57.4	.2	47.6	.2	36.7	.2	24.4
.4	66.1	.4	57.2	.4	47.4	.4	36.5	.4	24.2
.6	65.9	.6	57.1	.6	47.2	.6	36.2	.6	23.9
.8	65.8	.8	56.9	.8	47.0	.8	36.0	.8	23.7
5.	65.6	15.	56.7	25.	46.8	35.	35.8	45.	23.4
.2	65.4	.2	56.5	.2	46.6	.2	35.6	.2	23.1
.4	65.2	.4	56.3	.4	46.4	.4	35.3	.4	22.9
.6	65.1	.6	56.1	.6	46.1	.6	35.1	.6	22.6
.8	64.9	.8	55.9	.8	45.9	.8	34.8	.8	22.4
6.	64.7	16.	55.7	26.	45.7	36.	34.6	46.	22.1
.2	64.5	.2	55.5	.2	45.5	.2	34.4	.2	21.8
.4	64.3	.4	55.3	.4	45.3	.4	34.1	.4	21.6
.6	64.2	.6	55.2	.6	45.1	.6	33.9	.6	21.3
.8	64.0	.8	55.0	.8	44.9	.8	33.6	.8	21.1
7.	63.8	17.	54.8	27.	44.7	37.	33.4	47.	20.8
.2	63.6	.2	54.6	.2	44.5	.2	33.2	.2	20.5
.4	63.5	.4	54.4	.4	44.3	.4	32.9	.4	20.2
.6	63.3	.6	54.2	.6	44.0	.6	32.7	.6	20.0
.8	63.2	.8	54.0	.8	43.8	.8	32.4	.8	19.7
8.	63.0	18.	53.8	28.	43.7	38.	32.2	48.	19.4
.2	62.8	.2	53.6	.2	43.4	.2	32.0	.2	19.1
.4	62.6	.4	53.4	.4	43.2	.4	31.7	.4	18.9
.6	62.5	.6	53.2	.6	42.9	.6	31.5	.6	18.6
.8	62.3	.8	53.0	.8	42.7	.8	31.2	.8	18.4
9.	62.1	19.	52.8	29.	42.5	39.	31.0	49.	18.1
.2	61.9	.2	52.6	.2	42.3	.2	30.7	.2	17.8
.4	61.7	.4	52.4	.4	42.1	.4	30.5	.4	17.5
.6	61.6	.6	52.3	.6	41.8	.6	30.2	.6	17.3
.8	61.4	.8	52.1	.8	41.6	.8	30.0	.8	17.0
10.	61.2	20.	51.9	30.	41.4	40.	29.7	50.	16.7

TEMPERATURE 48°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	16.7	60.	2.2	70.	14.4	80.	35.8	90.	70.3
.2	16.4	.2	1.9	.2	14.8	.2	36.3	.2	71.0
.4	16.1	.4	1.6	.4	15.2	.4	36.8	.4	71.8
.6	15.9	.6	1.3	.6	15.5	.6	37.4	.6	72.5
.8	15.6	.8	1.0	.8	15.9	.8	37.9	.8	73.3
51.	15.3	61.	.7	71.	16.3	81.	38.4	91.	74.0
.2	15.0	.2	.4	.2	16.7	.2	38.9	.2	74.7
.4	14.7	.4	.1	.4	17.1	.4	39.5	.4	75.4
.6	14.5	.6	.3	.6	17.4	.6	40.0	.6	76.0
.8	14.2	.8	.6	.8	17.8	.8	40.6	.8	76.7
52.	13.9	62.	.9	72.	18.2	82.	41.1	92.	77.4
.2	13.6	.2	1.2	.2	18.6	.2	41.7	.2	78.1
.4	13.3	.4	1.5	.4	19.0	.4	42.3	.4	78.8
.6	13.1	.6	1.8	.6	19.4	.6	42.8	.6	79.4
.8	12.8	.8	2.1	.8	19.8	.8	43.4	.8	80.1
53.	12.5	63.	2.4	73.	20.2	83.	44.0	93.	80.8
.2	12.2	.2	2.7	.2	20.6	.2	44.7	.2	81.4
.4	11.9	.4	3.0	.4	21.0	.4	45.3	.4	82.0
.6	11.7	.6	3.4	.6	21.3	.6	46.0	.6	82.7
.8	11.4	.8	3.7	.8	21.7	.8	46.6	.8	83.3
54.	11.1	64.	4.0	74.	22.1	84.	47.3	94.	83.9
.2	10.8	.2	4.3	.2	22.9	.2	48.0	.2	84.5
.4	10.5	.4	4.7	.4	22.5	.4	48.7	.4	85.1
.6	10.2	.6	5.0	.6	23.3	.6	49.5	.6	85.7
.8	9.9	.8	5.4	.8	23.7	.8	50.2	.8	86.3
55.	9.6	65.	5.7	75.	24.1	85.	50.9	95.	86.9
.2	9.3	.2	6.0	.2	24.5	.2	51.7	.2	87.5
.4	9.0	.4	6.4	.4	25.0	.4	52.4	.4	88.1
.6	8.8	.6	6.7	.6	25.4	.6	53.2	.6	88.6
.8	8.5	.8	7.1	.8	25.9	.8	53.9	.8	89.2
56.	8.2	66.	7.4	76.	26.3	86.	54.7	96.	89.8
.2	7.9	.2	7.7	.2	26.7	.2	55.5	.2	90.3
.4	7.6	.4	8.1	.4	27.2	.4	56.3	.4	90.9
.6	7.3	.6	8.4	.6	27.6	.6	57.0	.6	91.4
.8	7.0	.8	8.8	.8	28.1	.8	57.8	.8	92.0
57.	6.7	67.	9.1	77.	28.5	87.	58.6	97.	92.5
.2	6.4	.2	9.4	.2	29.0	.2	59.4	.2	93.0
.4	6.1	.4	9.8	.4	29.4	.4	60.2	.4	93.5
.6	5.8	.6	10.1	.6	29.9	.6	61.0	.6	94.1
.8	5.5	.8	10.5	.8	30.3	.8	61.8	.8	94.6
58.	5.2	68.	10.8	78.	30.8	88.	62.6	98.	95.1
.2	4.9	.2	11.2	.2	31.3	.2	63.4	.2	95.6
.4	4.6	.4	11.5	.4	31.8	.4	64.2	.4	96.1
.6	4.3	.6	11.9	.6	32.2	.6	64.9	.6	96.6
.8	4.0	8	12.2	.8	32.7	.8	65.7	.8	97.1
59.	3.7	69.	12.6	79.	33.2	89.	66.5	99.	97.6
.2	3.4	.2	13.0	.2	33.7	.2	67.3	.2	98.1
.4	3.1	.4	13.3	.4	34.2	.4	68.0	.4	98.5
.6	2.8	.6	13.7	.6	34.8	.6	68.8	.6	99.0
.8	2.5	.8	14.0	.8	35.3	.8	69.5	.8	99.4
60.	2.2	70.	14.4	80.	35.8	90.	70.3	100.	99.9

TEMPERATURE 49°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	69.5	10.	60.9	20.	51.6	30.	41.1	40.	29.4
.2	69.3	.2	60.7	.2	51.4	.2	40.9	.2	29.2
.4	69.2	.4	60.5	.4	51.2	.4	40.7	.4	28.9
.6	69.0	.6	60.4	.6	51.0	.6	40.4	.6	28.7
.8	68.9	.8	60.2	.8	50.8	.8	40.2	.8	28.4
1.	68.7	11.	60.0	21.	50.6	31.	40.0	41.	28.2
.2	68.5	.2	59.8	.2	50.4	.2	39.8	.2	28.0
.4	68.4	.4	59.6	.4	50.2	.4	39.6	.4	27.7
.6	68.2	.6	59.5	.6	50.0	.6	39.3	.6	27.5
.8	68.1	.8	59.3	.8	49.8	.8	39.1	.8	27.2
2.	67.9	12.	59.1	22.	49.6	32.	38.9	42.	27.0
.2	67.7	.2	58.9	.2	49.4	.2	38.7	.2	26.7
.4	67.6	.4	58.7	.4	49.2	.4	38.5	.4	26.5
.6	67.4	.6	58.6	.6	49.0	.6	38.2	.6	26.2
.8	67.3	.8	58.4	.8	48.8	.8	38.0	.8	26.0
3.	67.1	13.	58.2	23.	48.6	33.	37.8	43.	25.7
.2	66.9	.2	58.0	.2	48.4	.2	37.6	.2	25.4
.4	66.7	.4	57.8	.4	48.2	.4	37.3	.4	25.2
.6	66.6	.6	57.7	.6	47.9	.6	37.1	.6	24.9
.8	66.4	.8	57.5	.8	47.7	.8	36.8	.8	24.7
4.	66.2	14.	57.3	24.	47.5	34.	36.6	44.	24.4
.2	66.0	.2	57.1	.2	47.3	.2	36.4	.2	24.1
.4	65.9	.4	56.9	.4	47.1	.4	36.2	.4	23.9
.6	65.7	.6	56.8	.6	46.9	.6	35.9	.6	23.6
.8	65.6	.8	56.6	.8	46.7	.8	35.7	.8	23.4
5.	65.4	15.	56.4	25.	46.5	35.	35.5	45.	23.1
.2	65.2	.2	56.2	.2	46.3	.2	35.3	.2	22.8
.4	65.0	.4	56.0	.4	46.1	.4	35.0	.4	22.6
.6	64.9	.6	55.9	.6	45.9	.6	34.8	.6	22.3
.8	64.7	.8	55.7	.8	45.7	.8	34.5	.8	22.1
6.	64.5	16.	55.5	26.	45.5	36.	34.3	46.	21.8
.2	64.3	.2	55.3	.2	45.3	.2	34.1	.2	21.5
.4	64.1	.4	55.1	.4	45.1	.4	33.8	.4	21.2
.6	64.0	.6	55.0	.6	44.9	.6	33.6	.6	21.0
.8	63.8	.8	54.8	.8	44.7	.8	33.3	.8	20.7
7.	63.6	17.	54.6	27.	44.5	37.	33.1	47.	20.4
.2	63.4	.2	54.4	.2	44.3	.2	32.9	.2	20.1
.4	63.2	.4	54.2	.4	44.1	.4	32.6	.4	19.9
.6	63.1	.6	54.0	.6	43.8	.6	32.4	.6	19.6
.8	62.9	.8	53.8	.8	43.6	.8	32.1	.8	19.4
8.	62.7	18.	53.6	28.	43.4	38.	31.9	48.	19.1
.2	62.5	.2	53.4	.2	43.2	.2	31.7	.2	18.8
.4	62.3	.4	53.2	.4	42.9	.4	31.4	.4	18.6
.6	62.2	.6	53.0	.6	42.7	.6	31.2	.6	18.3
.8	62.0	.8	52.8	.8	42.4	.8	30.9	.8	18.1
9.	61.8	19.	52.6	29.	42.2	39.	30.7	49.	17.8
.2	61.6	.2	52.4	.2	42.0	.2	30.4	.2	17.5
.4	61.4	.4	52.2	.4	41.8	.4	30.2	.4	17.2
.6	61.3	.6	52.0	.6	41.5	.6	29.9	.6	17.0
.8	61.1	.8	51.8	.8	41.3	.8	29.7	.8	16.7
10.	60.9	20.	51.6	30.	41.1	40.	29.4	50.	16.4

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	16.4	60.	1.9	70.	14.8	80.	36.2	90.	70.5
.2	16.1	.2	1.6	.2	15.2	.2	36.7	.2	71.2
.4	15.8	.4	1.3	.4	15.6	.4	37.2	.4	71.9
.6	15.6	.6	1.0	.6	15.9	.6	37.7	.6	72.7
.8	15.3	.8	.7	.8	16.3	.8	38.2	.8	73.4
51.	15.0	61.	.4	71.	16.7	81.	38.7	91.	74.1
.2	14.7	.2	.1	.2	17.1	.2	39.3	.2	74.8
.4	14.4	.4	.2	.4	17.5	.4	39.8	.4	75.5
.6	14.2	.6	.6	.6	17.8	.6	40.4	.6	76.2
.8	13.9	.8	.9	.8	18.2	.8	40.9	.8	76.9
52.	13.6	62.	1.2	72.	18.6	82.	41.5	92.	77.6
.2	13.3	.2	1.5	.2	19.0	.2	42.1	.2	78.3
.4	13.0	.4	1.8	.4	19.4	.4	42.7	.4	78.9
.6	12.8	.6	2.2	.6	19.7	.6	43.3	.6	79.6
.8	12.5	.8	2.5	.8	20.1	.8	43.9	.8	80.2
53.	12.2	63.	2.8	73.	20.5	83.	44.5	93.	80.9
.2	11.9	.2	3.1	.2	20.9	.2	45.1	.2	81.5
.4	11.6	.4	3.4	.4	21.3	.4	45.8	.4	82.1
.6	11.4	.6	3.8	.6	21.6	.6	46.4	.6	82.8
.8	11.1	.8	4.1	.8	22.0	.8	47.1	.8	83.4
54.	10.8	64.	4.4	74.	22.4	84.	47.7	94.	84.0
.2	10.5	.2	4.7	.2	22.8	.2	48.4	.2	84.6
.4	10.2	.4	5.1	.4	23.2	.4	49.1	.4	85.2
.6	9.9	.6	5.4	.6	23.7	.6	49.9	.6	85.8
.8	9.6	.8	5.8	.8	24.1	.8	50.6	.8	86.4
55.	9.3	65.	6.1	75.	24.5	85.	51.3	95.	87.0
.2	9.0	.2	6.4	.2	24.9	.2	52.0	.2	87.6
.4	8.7	.4	6.8	.4	25.4	.4	52.8	.4	88.1
.6	8.5	.6	7.1	.6	25.8	.6	53.5	.6	88.7
.8	8.2	.8	7.5	.8	26.3	.8	54.3	.8	89.2
56.	7.9	66.	7.8	76.	26.7	86.	55.0	96.	89.8
.2	7.6	.2	8.1	.2	27.1	.2	55.8	.2	90.4
.4	7.3	.4	8.5	.4	27.6	.4	56.6	.4	91.9
.6	7.0	.6	8.8	.6	28.0	.6	57.4	.6	91.5
.8	6.7	.8	9.2	.8	28.5	.8	58.2	.8	92.0
57.	6 4	67.	9.5	77.	28.9	87.	59.0	97.	92.6
.2	6.1	.2	9.8	.2	29.4	.2	59.8	.2	93.1
.4	5.8	.4	10.2	.4	29.8	.4	60.6	.4	93.6
.6	5.5	.6	10.5	.6	30.3	.6	61.3	.6	94.2
.8	5.2	.8	10.9	.8	30.7	.8	62.1	.8	94.7
58.	4.9	68.	11.2	78.	31.2	88.	62.9	98.	95.2
.2	4.6	.2	11.6	.2	31.7	.2	63.7	.2	95.7
.4	4.3	.4	11.9	.4	32.2	.4	64.4	.4	96.2
.6	4.0	.6	12.3	.6	32.6	.6	65.2	.6	96.6
.8	3.7	.8	12.6	.8	33.1	.8	65.9	.8	97.1
59.	3.4	69.	13.0	79.	33.6	89.	66.7	99.	97.6
.2	3.1	.2	13.4	.2	34.1	.2	67.5	.2	98.1
.4	2.8	.4	13.7	.4	34.6	.4	68.2	.4	98.6
.6	2.5	.6	14.1	.6	35.2	.6	69.0	.6	99.0
.8	2.2	.8	14.4	.8	35.7	.8	69.7	.8	99.5
60.	1.9	70.	14.8	80.	36.2	90.	70.5	100.	100.0

TEMPERATURE 50°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	69.3	10.	60.7	20.	51.4	30.	40.9	40.	29.1
.2	69.1	.2	60.5	.2	51.2	.2	40.7	.2	28.9
.4	69.0	.4	60.3	.4	51.0	.4	40.5	.4	28.6
.6	68.8	.6	60.2	.6	50.8	.6	40.2	.6	28.4
.8	68.7	.8	60.0	.8	50.6	.8	40.0	.8	28.1
1.	68.5	11.	59.8	21.	50.4	31.	39.8	41.	27.9
.2	68.3	.2	59.6	.2	50.2	.2	39.6	.2	27.6
.4	68.2	.4	59.4	.4	50.0	.4	39.3	.4	27.4
.6	68.0	.6	59.3	.6	49.8	.6	39.1	.6	27.1
.8	67.9	.8	59.1	.8	49.6	.8	38.8	.8	26.9
2.	67.7	12.	58.9	22.	49.4	32.	38.6	42.	26.6
.2	67.5	.2	58.7	.2	49.2	.2	38.4	.2	26.4
.4	67.3	.4	58.5	.4	49.0	.4	38.2	.4	26.1
.6	67.2	.6	58.4	.6	48.8	.6	37.9	.6	25.9
.8	67.0	.8	58.2	.8	48.6	.8	37.7	.8	25.6
3.	66.8	13.	58.0	23.	48.4	33.	37.5	43.	25.4
.2	66.6	.2	57.8	.2	48.2	.2	37.3	.2	25.1
.4	66.5	.4	57.6	.4	48.0	.4	37.0	.4	24.9
.6	66.3	.6	57.5	.6	47.7	.6	36.8	.6	24.6
.8	66.2	.8	57.3	.8	47.5	.8	36.5	.8	24.4
4.	66.0	14.	57.1	24.	47.3	34.	36.3	44.	24.1
.2	65.8	.2	56.9	.2	47.1	.2	36.1	.2	23.8
.4	65.7	.4	56.7	.4	46.9	.4	35.9	.4	23.6
.6	65.5	.6	56.6	.6	46.7	.6	35.6	.6	23.3
.8	65.4	.8	56.4	.8	46.5	.8	35.4	.8	23.1
5.	65.2	15.	56.2	25.	46.3	35.	35.2	45.	22.8
.2	65.0	.2	56.0	.2	46.1	.2	35.0	.2	22.5
.4	64.8	.4	55.8	.4	45.9	.4	34.7	.4	22.2
.6	64.7	.6	55.7	.6	45.6	.6	34.5	.6	22.0
.8	64.5	.8	55.5	.8	45.4	.8	34.2	.8	21.7
6.	64.3	16.	55.3	26.	45.2	36.	34.0	46.	21.4
.2	64.1	.2	55.1	.2	45.0	.2	33.8	.2	21.1
.4	63.9	.4	54.9	.4	44.8	.4	33.5	.4	20.9
.6	63.8	.6	54.7	.6	44.6	.6	33.3	.6	20.6
.8	63.6	.8	54.5	.8	44.4	.8	33.0	.8	20.4
7.	63.4	17.	54.3	27.	44.2	37.	32.8	47.	20.1
.2	63.2	.2	54.1	.2	44.0	.2	32.6	.2	19.8
.4	63.0	.4	53.9	.4	43.8	.4	32.3	.4	19.6
.6	62.9	.6	53.7	.6	43.5	.6	32.1	.6	19.3
.8	62.7	.8	53.5	.8	43.3	.8	31.8	.8	19.1
8.	62.5	18.	53.3	28.	43.1	38.	31.6	48.	18.8
.2	62.3	.2	53.1	.2	42.9	.2	31.4	.2	18.5
.4	62.1	.4	52.9	.4	42.7	.4	31.1	.4	18.2
.6	62.0	.6	52.8	.6	42.4	.6	30.9	.6	18.0
.8	61.8	.8	52.6	.8	42.2	.8	30.6	.8	17.7
9.	61.6	19.	52.4	29.	42.0	39.	30.4	49.	17.4
.2	61.4	.2	52.2	.2	41.8	.2	30.1	.2	17.1
.4	61.2	.4	52.0	.4	41.6	.4	29.9	.4	16.9
.6	61.1	.6	51.8	.6	41.3	.6	29.6	.6	16.6
.8	60.9	.8	51.6	.8	41.1	.8	29.4	.8	16.4
10.	60.7	20.	51.4	30.	40.9	40.	29.1	50.	16.1

TEMPERATURE 50°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	16.1	60.	1.5	70.	15.1	80.	36.5	90.	70.7
.2	15.8	.2	1.2	.2	15.5	.2	37.0	.2	71.4
.4	15.5	.4	.9	.4	15.9	.4	37.5	.4	72.1
.6	15.3	.6	.6	.6	16.2	.6	38.1	.6	72.9
.8	15.0	.8	.3	.8	16.6	.8	38.6	.8	73.6
51.	14.7	61.	——	71.	17.0	81.	39.1	91.	74.3
.2	14.4	.2	.3	.2	17.4	.2	39.7	.2	75.0
.4	14.1	.4	.6	.4	17.8	.4	40.2	.4	75.7
.6	13.9	.6	.9	.6	18.1	.6	40.8	.6	76.3
.8	13.6	.8	1.2	.8	18.5	.8	41.3	.8	77.0
52.	13.3	62.	1.5	72.	18.9	82.	41.9	92.	77.7
.2	13.0	.2	1.8	.2	19.3	.2	42.5	.2	78.4
.4	12.7	.4	2.1	.4	19.7	.4	43.1	.4	79.0
.6	12.5	.6	2.5	.6	20.1	.6	43.7	.6	79.7
.8	12.2	.8	2.8	.8	20.5	.8	44.3	.8	80.3
53.	11.9	63.	3.1	73.	20.9	83.	44.9	93.	81.0
.2	11.6	.2	3.4	.2	21.3	.2	45.5	.2	81.6
.4	11.3	.4	3.7	.4	21.7	.4	46.2	.4	82.2
.6	11.1	.6	4.1	.6	22.0	.6	46.8	.6	82.9
.8	10.8	.8	4.4	.8	22.4	.8	47.5	.8	83.5
54.	10.5	64.	4.7	74.	22.8	84.	48.1	94.	84.1
.2	10.2	.2	5.0	.2	23.2	.2	48.8	.2	84.7
.4	9.9	.4	5.4	.4	23.6	.4	49.5	.4	85.3
.6	9.6	.6	5.7	.6	24.1	.6	50.3	.6	85.9
.8	9.3	.8	6.1	.8	24.5	.8	51.0	.8	86.5
55.	9.0	65.	6.4	75.	24.9	85.	51.7	95.	87.1
.2	8.7	.2	6.7	.2	25.3	.2	52.4	.2	87.7
.4	8.4	.4	7.1	.4	25.7	.4	53.2	.4	88.2
.6	8.1	.6	7.4	.6	26.2	.6	53.9	.6	88.8
.8	7.8	.8	7.8	.8	26.6	.8	54.7	.8	89.3
56.	7.5	66.	8.1	76.	27.0	86.	55.4	96.	89.9
.2	7.2	.2	8.4	.2	27.4	.2	56.2	.2	90.4
.4	6.9	.4	8.8	.4	27.9	.4	57.0	.4	91.0
.6	6.7	.6	9.1	.6	28.3	.6	57.7	.6	91.5
.8	6.4	.8	9.5	.8	28.8	.8	58.5	.8	92.1
57.	6.1	67.	9.8	77.	29.2	87.	59.3	97.	92.6
.2	5.8	.2	10.1	.2	29.7	.2	60.1	.2	93.1
.4	5.5	.4	10.5	.4	30.1	.4	60.9	.4	93.6
.6	5.2	.6	10.8	.6	30.6	.6	61.6	.6	94.2
.8	4.9	.8	11.2	.8	31.0	.8	62.4	.8	94.7
58.	4.6	68.	11.5	78.	31.5	88.	63.2	98.	95.2
.2	4.3	.2	11.9	.2	32.0	.2	64.0	.2	95.7
.4	4.0	.4	12.2	.4	32.5	.4	64.7	.4	96.2
.6	3.7	.6	12.6	.6	32.9	.6	65.5	.6	96.6
.8	3.4	.8	12.9	.8	33.4	.8	66.2	.8	97.1
59.	3.1	69.	13.3	79.	33.9	89.	67.0	99.	97.6
.2	2.8	.2	13.7	.2	34.4	.2	67.7	.2	98.1
.4	2.5	.4	14.0	.4	34.9	.4	68.5	.4	98.6
.6	2.1	.6	14.4	.6	35.5	.6	69.2	.6	99.0
.8	1.8	.8	14.7	.8	36.0	.8	70.0	.8	99.5
60.	1.5	70.	15.1	80.	36.5	90.	70.7	100.	100.0

TEMPERATURE 51°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	69.0	10.	60.5	20.	51.1	30.	40.6	40.	28.8
.2	68.8	.2	60.3	.2	50.9	.2	40.4	.2	28.6
.4	68.7	.4	60.1	.4	50.7	.4	40.2	.4	28.3
.6	68.5	.6	60.0	.6	50.5	.6	39.9	.6	28.1
.8	68.4	.8	59.8	.8	50.3	.8	39.7	.8	27.8
1.	68.2	11.	59.6	21.	50.1	31.	39.5	41.	27.6
.2	68.0	.2	59.4	.2	49.9	.2	39.3	.2	27.3
.4	67.9	.4	59.2	.4	49.7	.4	39.0	.4	27.1
.6	67.7	.6	59.1	.6	49.5	.6	38.8	.6	26.8
.8	67.6	.8	58.9	.8	49.3	.8	38.5	.8	26.6
2.	67.4	12.	58.7	22.	49.1	32.	38.3	42.	26.3
.2	67.2	.2	58.5	.2	48.9	.2	38.1	.2	26.1
.4	67.1	.4	58.3	.4	48.7	.4	37.9	.4	25.8
.6	66.9	.6	58.2	.6	48.5	.6	37.6	.6	25.6
.8	66.8	.8	58.0	.8	48.3	.8	37.4	.8	25.3
3.	66.6	13.	57.8	23.	48.1	33.	37.2	43.	25.1
.2	66.4	.2	57.6	.2	47.9	.2	37.0	.2	24.8
.4	66.2	.4	57.4	.4	47.7	.4	36.8	.4	24.6
.6	66.1	.6	57.3	.6	47.4	.6	36.5	.6	24.3
.8	65.9	.8	57.1	.8	47.2	.8	36.3	.8	24.1
4.	65.7	14.	56.9	24.	47.0	34.	36.1	44.	23.8
.2	65.5	.2	56.7	.2	46.8	.2	35.9	.2	23.5
.4	65.4	.4	56.5	.4	46.6	.4	35.6	.4	23.3
.6	65.2	.6	56.3	.6	46.4	.6	35.4	.6	23.0
.8	65.1	.8	56.1	.8	46.2	.8	35.1	.8	22.8
5.	64.9	15.	55.9	25.	46.0	35.	34.9	45.	22.5
.2	64.7	.2	55.7	.2	45.8	.2	34.7	.2	22.2
.4	64.5	.4	55.5	.4	45.6	.4	34.4	.4	21.9
.6	64.4	.6	55.4	.6	45.3	.6	34.2	.6	21.7
.8	64.2	.8	55.2	.8	45.1	.8	33.9	.8	21.4
6.	64.0	16.	55.0	26.	44.9	36.	33.7	46.	21.1
.2	63.8	.2	54.8	.2	44.7	.2	33.5	.2	20.8
.4	63.7	.4	54.6	.4	44.5	.4	33.2	.4	20.6
.6	63.5	.6	54.4	.6	44.3	.6	33.0	.6	20.3
.8	63.4	.8	54.2	.8	44.1	.8	32.7	.8	20.1
7.	63.2	17.	54.0	27.	43.9	37.	32.5	47.	19.8
.2	63.0	.2	53.8	.2	43.7	.2	32.3	.2	19.5
.4	62.8	.4	53.6	.4	43.5	.4	32.0	.4	19.3
.6	62.7	.6	53.5	.6	43.2	.6	31.8	.6	19.0
.8	62.5	.8	53.3	.8	43.0	.8	31.5	.8	18.8
8.	62.3	18.	53.1	28.	42.8	38.	31.3	48.	18.5
.2	62.1	.2	52.9	.2	42.6	.2	31.1	.2	18.2
.4	61.9	.4	52.7	.4	42.4	.4	30.8	.4	17.9
.6	61.8	.6	52.5	.6	42.1	.6	30.6	.6	17.7
.8	61.6	.8	52.3	.8	41.9	.8	30.3	.8	17.4
9.	61.4	19.	52.1	29.	41.7	39.	30.1	49.	17.1
.2	61.2	.2	51.9	.2	41.5	.2	29.8	.2	16.8
.4	61.0	.4	51.7	.4	41.3	.4	29.6	.4	16.5
.6	60.9	.6	51.5	.6	41.0	.6	29.3	.6	16.3
.8	60.7	.8	51.3	.8	40.8	.8	29.1	.8	16.0
10.	60.5	20.	51.1	30.	40.6	40.	28.8	50.	15.7

TEMPERATURE 51°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.7	60.	1.2	70.	15.5	80.	36.9	90.	70.9
.2	15.4	.2	.9	.2	15.9	.2	37.4	.2	71.6
.4	15.2	.4	.6	.4	16.3	.4	37.9	.4	72.3
.6	14.9	.6	.3	.6	16.6	.6	38.5	.6	73.1
.8	14.7	.8	—	.8	17.0	.8	39.0	.8	73.8
51.	14.4	61.	.3	71.	17.4	81.	39.5	91.	74.5
.2	14.1	.2	.6	.2	17.8	.2	40.1	.2	75.2
.4	13.8	.4	.9	.4	18.2	.4	40.6	.4	75.8
.6	13.6	.6	1.3	.6	18.5	.6	41.2	.6	76.5
.8	13.3	.8	1.6	.8	18.9	.8	41.7	.8	77.1
52.	13.0	62.	1.9	72.	19.3	82.	42.3	92.	77.8
.2	12.7	.2	2.2	.2	19.7	.2	42.9	.2	78.5
.4	12.4	.4	2.5	.4	20.1	.4	43.5	.4	79.1
.6	12.1	.6	2.9	.6	20.5	.6	44.1	.6	79.8
.8	11.8	.8	3.2	.8	20.9	.8	44.7	.8	80.4
53.	11.5	63.	3.5	73.	21.3	83.	45.3	93.	81.1
.2	11.2	.2	3.8	.2	21.7	.2	45.9	.2	81.7
.4	10.9	.4	4.1	.4	22.1	.4	46.6	.4	82.3
.6	10.7	.6	4.5	.6	22.4	.6	47.2	.6	83.0
.8	10.4	.8	4.8	.8	22.8	.8	47.9	.8	83.6
54	10.1	64.	5.1	74.	23.2	84.	48.5	94.	84.2
.2	9.8	.2	5.4	.2	23.6	.2	49.2	.2	84.8
.4	9.5	.4	5.8	.4	24.0	.4	49.9	.4	85.4
.6	9.3	.6	6.1	.6	24.5	.6	50.7	.6	86.0
.8	9.0	.8	6.5	.8	24.9	.8	51.4	.8	86.6
55.	8.7	65.	6.8	75.	25.3	85.	52.1	95.	87.2
.2	8.4	.2	7.1	.2	25.7	.2	52.8	.2	87.8
.4	8.1	.4	7.4	.4	26.1	.4	53.6	.4	88.3
.6	7.8	.6	7.8	.6	26.6	.6	54.3	.6	88.9
.8	7.5	.8	8.1	.8	27.0	.8	55.1	.8	89.4
56.	7.2	66.	8.4	76.	27.4	86.	55.8	96.	90.0
.2	6.9	.2	8.7	.2	27.8	.2	56.6	.2	90.5
.4	6.6	.4	9.1	.4	28.3	.4	57.3	.4	91.1
.6	6.3	.6	9.4	.6	28.7	.6	58.1	.6	91.6
.8	6.0	.8	9.8	.8	29.2	.8	58.8	.8	92.2
57.	5.7	67.	10.1	77.	29.6	87.	59.6	97.	92.7
.2	5.4	.2	10.5	.2	30.1	.2	60.4	.2	93.2
.4	5.1	.4	10.8	.4	30.5	.4	61.2	.4	93.7
.6	4.9	.6	11.2	.6	31.0	.6	61.9	.6	94.2
.8	4.6	.8	11.5	.8	31.4	.8	62.7	.8	94.7
58.	4.3	68.	11.9	78.	31.9	88.	63.5	98.	95.2
.2	4.0	.2	12.3	.2	32.4	.2	64.2	.2	95.7
.4	3.7	.4	12.6	.4	32.9	.4	65.0	.4	96.2
.6	3.4	.6	13.0	.6	33.3	.6	65.7	.6	96.7
.8	3.1	.8	13.3	.8	33.8	.8	66.5	.8	97.2
59.	2.8	69.	13.7	79.	34.3	89.	67.2	99.	97.7
.2	2.5	.2	14.1	.2	34.8	.2	67.9	.2	98.2
.4	2.2	.4	14.4	.4	35.3	.4	68.7	.4	98.6
.6	1.8	.6	14.8	.6	35.9	.6	69.4	.6	99.1
.8	1.5	.8	15.1	.8	36.4	.8	70.2	.8	99.5
60.	1.2	70.	15.5	80.	36.9	90.	70.9	100.	100.0

TEMPERATURE 52°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.8	10.	60.2	20.	50.9	30.	40.3	40.	28.5
.2	68.6	.2	60.0	.2	50.7	.2	40.1	.2	28.3
.4	68.5	.4	59.8	.4	50.5	.4	39.9	.4	28.0
.6	68.3	.6	59.7	.6	50.3	.6	39.6	.6	27.8
.8	68.2	.8	59.5	.8	50.1	.8	39.4	.8	27.5
1.	68.0	11.	59.3	21.	49.9	31.	39.2	41.	27.3
.2	67.8	.2	59.1	.2	49.7	.2	39.0	.2	27.0
.4	67.7	.4	58.9	.4	49.5	.4	38.8	.4	26.8
.6	67.5	.6	58.8	.6	49.3	.6	38.5	.6	26.5
.8	67.4	.8	58.6	.8	49 1	.8	38.3	.8	26.3
2.	67.2	12.	58.4	22.	48.9	32.	38.1	42.	26.0
.2	67.0	.2	58.2	.2	48.7	.2	37.9	.2	25.8
.4	66.9	.4	58.0	.4	48.5	.4	37.6	.4	25.5
.6	66.7	.6	57.9	.6	48.2	.6	37.4	.6	25.3
.8	66.6	.8	57.7	.8	48.0	.8	37.1	.8	25.0
3.	66.4	13.	57.5	23.	47.8	33.	36.9	43.	24.8
.2	66.2	.2	57.3	.2	47.6	.2	36.7	.2	24.5
.4	66.0	.4	57.1	.4	47.4	.4	36.5	.4	24.3
.6	65.9	.6	57.0	.6	47.1	.6	36.2	.6	24.0
.8	65.7	.8	56.8	.8	46.9	.8	36.0	.8	23.8
4.	65.5	14.	56.6	24.	46.7	34.	35.8	44.	23.5
.2	65.3	.2	56.4	.2	46.5	.2	35.6	.2	23.2
.4	65.1	.4	56.2	.4	46.3	.4	35.3	.4	23.0
.6	65.0	.6	56.1	.6	46.1	.6	35.1	.6	22.7
.8	64.8	.8	55.9	.8	45.9	.8	34.8	.8	22.5
5.	64.6	15.	55.7	25.	45.7	35.	34.6	45.	22.2
.2	64.4	.2	55.5	.2	45.5	.2	34.4	.2	21.9
.4	64.3	.4	55.3	.4	45.3	.4	34.1	.4	21.6
.6	64.1	.6	55.1	.6	45.0	.6	33.9	.6	21.4
.8	64.0	.8	54.9	.8	44.8	.8	33.6	.8	21.1
6.	63.8	16.	54.7	26.	44.6	36.	33.5	46.	20.8
.2	63.6	.2	54.5	.2	44.4	.2	33.2	.2	20.5
.4	63.4	.4	54.3	.4	44.2	.4	32.9	.4	20.3
.6	63.3	.6	54.1	.6	44.0	.6	32.7	.6	20.0
.8	63.1	.8	53.9	.8	43.8	.8	32.4	.8	19.8
7.	62.9	17.	53.7	27.	43.6	37.	32.2	47.	19.5
.2	62.7	.2	53.5	.2	43.4	.2	32.0	.2	19.2
.4	62.5	.4	53.3	.4	43.2	.4	31.7	.4	19.0
.6	62.4	.6	53.2	.6	42.9	.6	31.5	.6	18.7
.8	62.2	.8	53.0	.8	42.7	.8	31.2	.8	18.5
8.	62.0	18.	52.8	28.	42.5	38.	31.0	48.	18.2
.2	61.8	.2	52.6	.2	42.3	.2	30.8	.2	17.9
.4	61.6	.4	52.4	.4	42.1	.4	30.5	.4	17.6
.6	61.5	.6	52.3	.6	41.8	.6	30.3	.6	17.4
.8	61.3	.8	52.1	.8	41.6	.8	30.0	.8	17.1
9.	61.1	19.	51.9	29.	41.4	39.	29.8	49.	16.8
.2	60.9	.2	51.7	.2	41.2	.2	29.5	.2	16.5
.4	60.7	.4	51.5	.4	41.0	.4	29.3	.4	16.2
.6	60.6	.6	51.3	.6	40.7	.6	29.0	.6	16.0
.8	60.4	.8	51.1	.8	40.5	.8	28.8	.8	15.7
10.	60.2	20.	50.9	30.	40.3	40.	28.5	50.	15.4

TEMPERATURE 52°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.4	60.	.9	70.	15.9	80.	37.3	90.	71.1
.2	15.1	.2	.6	.2	16.3	.2	37.8	.2	71.8
.4	14.8	.4	.3	.4	16.7	.4	38.3	.4	72.5
.6	14.6	.6	.1	.6	17.0	.6	38.9	.6	73.2
.8	14.3	.8	.4	.8	17.4	.8	39.4	.8	73.9
51.	14.0	61.	.7	71.	17.8	81.	39.9	91.	74.6
.2	13.7	.2	1.0	.2	18.2	.2	40.5	.2	75.3
.4	13.5	.4	1.3	.4	18.6	.4	41.0	.4	76.0
.6	13.2	.6	1.6	.6	18.9	.6	41.6	.6	76.6
.8	13.0	.8	1.9	.8	19.3	.8	42.1	.8	77.3
52.	12.7	62.	2.2	72.	19.7	82.	42.7	92.	78.0
.2	12.4	.2	2.5	.2	20.1	.2	43.3	.2	78.6
.4	12.1	.4	2.8	.4	20.5	.4	43.9	.4	79.3
.6	11.8	.6	3.2	.6	20.9	.6	44.5	.6	79.9
.8	11.5	.8	3.5	.8	21.3	.8	45.1	.8	80.6
53.	11.2	63.	3.8	73.	21.7	83.	45.7	93.	81.2
.2	10.9	.2	4.1	.2	22.1	.2	46.3	.2	81.8
.4	10.6	.4	4.5	.4	22.5	.4	47.0	.4	82.4
.6	10.4	.6	4.8	.6	22.8	.6	47.6	.6	83.1
.8	10.1	.8	5.2	.8	23.2	.8	48.3	.8	83.7
54.	9.8	64.	5.5	74.	23.6	84.	48.9	94.	84.3
.2	9.5	.2	5.8	.2	24.0	.2	49.6	.2	84.9
.4	9.2	.4	6.2	.4	24.4	.4	50.3	.4	85.5
.6	9.0	.6	6.5	.6	24.9	.6	51.1	.6	86.0
.8	8.7	.8	6.9	.8	25.3	.8	51.8	.8	86.6
55.	8.4	65.	7.2	75.	25.7	85.	52.5	95.	87.2
.2	8.1	.2	7.5	.2	26.1	.2	53.2	.2	87.8
.4	7.8	.4	7.8	.4	26.5	.4	53.9	.4	88.3
.6	7.5	.6	8.2	.6	27.0	.6	54.7	.6	88.9
.8	7.2	.8	8.5	.8	27.4	.8	55.4	.8	89.4
56.	6.9	66.	8.8	76.	27.8	86.	56.1	96.	90.0
.2	6 6	.2	9.1	.2	28.2	.2	56.9	.2	90.5
.4	6.3	.4	9.5	.4	28.7	.4	57.6	.4	91.1
.6	6.0	.6	9.8	.6	29.1	.6	58.4	.6	91.6
.8	5.7	.8	10.2	.8	29.6	.8	59.1	.8	92.2
57.	5.4	67.	10.5	77.	30.0	87.	59.9	97.	92.7
.2	5.1	.2	10.9	.2	30.5	.2	60.7	.2	93.2
.4	4.8	.4	11.2	.4	30.9	.4	61.5	.4	93.7
.6	4.5	.6	11.6	.6	31.4	.6	62.2	.6	94.3
.8	4.2	.8	11.9	.8	31.8	.8	63.0	.8	94.8
58.	3.9	68.	12.3	78.	32.3	88.	63.8	98.	95.3
.2	3.6	.2	12.7	.2	32.8	.2	64.5	.2	95.8
.4	3.3	.4	13.0	.4	33.3	.4	65.3	.4	96.3
.6	3.0	.6	13.4	.6	33.7	.6	66.0	.6	96.7
.8	2.7	.8	13.7	.8	34.2	.8	66.8	.8	97.2
59.	2.4	69.	14.1	79.	34.7	89.	67.5	99.	97.7
.2	2.1	.2	14.5	.2	35.2	.2	68.2	.2	98.2
.4	1.8	.4	14.8	.4	35.7	.4	68.9	.4	98.7
.6	1.5	.6	15.2	.6	36.3	.6	69.7	.6	99.1
.8	1.2	.8	15.5	.8	36.8	.8	70.4	.8	99.6
60.	.9	70.	15.9	80.	37.3	90.	71.1	100.	—

TEMPERATURE 53°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.6	10.	60.0	20.	50.6	30.	40.0	40.	28.2
.2	68.4	.2	59.8	.2	50.4	.2	39.8	.2	28.0
.4	68.3	.4	59.6	.4	50.2	.4	39.6	.4	27.7
.6	68.1	.6	59.5	.6	50.0	.6	39.3	.6	27.5
.8	68.0	.8	59.3	.8	49.8	.8	39.1	.8	27.2
1.	67.8	11.	59.1	21.	49.6	31.	38.9	41.	27.0
.2	67.6	.2	58.9	.2	49.4	.2	38.7	.2	26.7
.4	67.5	.4	58.7	.4	49.2	.4	38.5	.4	26.5
.6	67.3	.6	58.6	.6	49.0	.6	38.2	.6	26.2
.8	67.2	.8	58.4	.8	48.8	.8	38.0	.8	26.0
2.	67.0	12.	58.2	22.	48.6	32.	37.8	42.	25.7
.2	66.8	.2	58.0	.2	48.4	.2	37.6	.2	25.5
.4	66.7	.4	57.8	.4	48.2	.4	37.3	.4	25.2
.6	66.5	.6	57.7	.6	47.9	.6	37.1	.6	25.0
.8	66.4	.8	57.5	.8	47.7	.8	36.8	.8	24.7
3.	66.2	13.	57.3	23.	47.5	33.	36.6	43.	24.5
.2	66.0	.2	57.1	.2	47.3	.2	36.4	.2	24.2
.4	65.8	.4	56.9	.4	47.1	.4	36.2	.4	24.0
.6	65.7	.6	56.8	.6	46.9	.6	35.9	.6	23.7
.8	65.5	.8	56.6	.8	46.7	.8	35.7	.8	23.5
4.	65.3	14.	56.4	24.	46.5	34.	35.5	44.	23.2
.2	65.1	.2	56.2	.2	46.3	.2	35.3	.2	22.9
.4	64.9	.4	56.0	.4	46.1	.4	35.0	.4	22.6
.6	64.8	.6	55.9	.6	45.9	.6	34.8	.6	22.4
.8	64.6	.8	55.7	.8	45.7	.8	34.5	.8	22.1
5.	64.4	15.	55.5	25.	45.5	35.	34.3	45.	21.8
.2	64.2	.2	55.3	.2	45.3	.2	34.1	.2	21.5
.4	64.1	.4	55.1	.4	45.1	.4	33.8	.4	21.3
.6	63.9	.6	54.9	.6	44.8	.6	33.6	.6	21.0
.8	63.8	.8	54.7	.8	44.6	.8	33.3	.8	20.8
6.	63.6	16.	54.5	26.	44.4	36.	33.1	46.	20.5
.2	63.4	.2	54.3	.2	44.2	.2	32.9	.2	20.2
.4	63.2	.4	54.1	.4	44.0	.4	32.6	.4	20.0
.6	63.1	.6	53.9	.6	43.7	.6	32.4	.6	19.7
.8	62.9	.8	53.7	.8	43.5	.8	32.1	.8	19.5
7.	62.7	17.	53.5	27.	43.3	37.	31.9	47.	19.2
.2	62.5	.2	53.3	.2	43.1	.2	31.7	.2	18.9
.4	62.3	.4	53.1	.4	42.9	.4	31.4	.4	18.7
.6	62.2	.6	53.0	.6	42.6	.6	31.2	.6	18.4
.8	62.0	.8	52.8	.8	42.4	.8	30.9	.8	18.2
8.	61.8	18.	52.6	28.	42.2	38.	30.7	48.	17.9
.2	61.6	.2	52.4	.2	42.0	.2	30.4	.2	17.6
.4	61.4	.4	52.2	.4	41.8	.4	30.2	.4	17.3
.6	61.3	.6	52.0	.6	41.5	.6	29.9	.6	17.1
.8	61.1	.8	51.8	.8	41.3	.8	29.7	.8	16.8
9.	60.9	19.	51.6	29.	41.1	39.	29.4	49.	16.5
.2	60.7	.2	51.4	.2	40.9	.2	29.2	.2	16.2
.4	60.5	.4	51.2	.4	40.7	.4	28.9	.4	15.9
.6	60.4	.6	51.0	.6	40.4	.6	28.7	.6	15.7
.8	60.2	.8	50.8	.8	40.2	.8	28.4	.8	15.4
10.	60.0	20.	50.6	30.	40.0	40.	28.2	50.	15.1

TEMPERATURE 53°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	15.1	60.	.6	70.	16.2	80.	37.7	90.	71.3
.2	14.8	.2	.3	.2	16.6	.2	38.2	.2	72.0
.4	14.5	.4	——	.4	17.0	.4	38.7	.4	72.7
.6	14.3	.6	.4	.6	17.3	.6	39.3	.6	73.4
.8	14.0	.8	.7	.8	17.7	.8	39.8	.8	74.1
51.	13.7	61.	1.0	71.	18.1	81.	40.3	91.	74.8
.2	13.4	.2	1.3	.2	18.5	.2	40.9	.2	75.5
.4	13.1	.4	1.6	.4	18.9	.4	41.4	.4	76.1
.6	12.9	.6	2.0	.6	19.2	.6	42.0	.6	76.8
.8	12.6	.8	2.3	.8	19.6	.8	42.5	.8	77.4
52.	12.3	62.	2.6	72.	20.0	82.	43.1	92.	78.1
.2	12.0	.2	2.9	.2	20.4	.2	43.7	.2	78.7
.4	11.7	.4	3.2	.4	20.8	.4	44.3	.4	79.4
.6	11.5	.6	3.5	.6	21.2	.6	44.9	.6	80.0
.8	11.2	.8	3.8	.8	21.6	.8	45.5	.8	80.7
53.	10.9	63.	4.1	73.	22.0	83.	46.1	93.	81.3
.2	10.6	.2	4.4	.2	22.4	.2	46.7	.2	81.9
.4	10.3	.4	4.8	.4	22.8	.4	47.4	.4	82.5
.6	10.1	.6	5.1	.6	23.2	.6	48.0	.6	83.2
.8	9.8	.8	5.5	.8	23.6	.8	48.7	.8	83.8
54.	9.5	64.	5.8	74.	24.0	84.	49.3	94.	84.4
.2	9.2	.2	6.1	.2	24.4	.2	50.0	.2	85.0
.4	8.9	.4	6.5	.4	24.8	.4	50.7	.4	85.6
.6	8.7	.6	6.8	.6	25.3	.6	51.5	.6	86.1
.8	8.4	.8	7.2	.8	25.7	.8	52.2	.8	86.7
55.	8.1	65.	7.5	75.	26.1	85.	52.9	95.	87.3
.2	7.8	.2	7.8	.2	26.5	.2	53.6	.2	87.9
.4	7.5	.4	8.2	.4	26.9	.4	54.3	.4	88.4
.6	7.2	.6	8.5	.6	27.4	.6	55.1	.6	89.0
.8	6.9	.8	8.9	.8	27.8	.8	55.8	.8	89.5
56.	6.6	66.	9.2	76.	28.2	86.	56.5	96.	90.1
.2	6.3	.2	9.5	.2	28.6	.2	57.2	.2	90.6
.4	6.0	.4	9.9	.4	29.1	.4	58.0	.4	91.2
.6	5.7	.6	10.2	.6	29.5	.6	58.7	.6	91.7
.8	5.4	.8	10.6	.8	30.0	.8	59.5	.8	92.3
57.	5.1	67.	10.9	77.	30.4	87.	60.2	97.	92.8
.2	4.8	.2	11.2	.2	30.9	.2	61.0	.2	93.3
.4	4.5	.4	11.6	.4	31.3	.4	61.7	.4	93.8
.6	4.2	.6	11.9	.6	31.8	.6	62.5	.6	94.4
.8	3.9	.8	12.3	.8	32.2	.8	63.2	.8	94.9
58.	3.6	68.	12.6	78.	32.7	88.	64.0	98.	95.4
.2	3.3	.2	13.0	.2	33.2	.2	64.7	.2	95.9
.4	3.0	.4	13.3	.4	33.7	.4	65.5	.4	96.4
.6	2.7	.6	13.7	.6	34.2	.6	66.2	.6	96.8
.8	2.4	.8	14.0	.8	34.7	.8	67.0	.8	97.3
59.	2.1	69.	14.4	79.	35.2	89.	67.7	99.	97.8
.2	1.8	.2	14.8	.2	35.7	.2	68.4	.2	98.3
.4	1.5	.4	15.1	.4	36.2	.4	69.1	.4	98.7
.6	1.2	.6	15.5	.6	36.7	.6	69.9	.6	99.2
.8	.9	.8	15.8	.8	37.2	.8	70.6	.8	99.6
60.	.6	70.	16.2	80.	37.7	90.	71.3	100.	——

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TEMPERATURE 54°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.4	10.	59.8	20.	50.3	30.	39.8	40.	27.9
.2	68.2	.2	59.6	.2	50.1	.2	39.6	.2	27.7
.4	68.1	.4	59.4	.4	49.9	.4	39.3	.4	27.4
.6	67.9	.6	59.3	.6	49.7	.6	39.1	.6	27.2
.8	67.8	.8	59.1	.8	49.5	.8	38.8	.8	26.9
1.	67.6	11.	58.9	21.	49.3	31.	38.6	41.	26.7
.2	67.4	.2	58.7	.2	49.1	.2	38.4	.2	26.4
.4	67.2	.4	58.5	.4	48.9	.4	38.2	.4	26.2
.6	67.1	.6	58.4	.6	48.7	.6	37.9	.6	25.9
.8	66.9	.8	58.2	.8	48.5	.8	37.7	.8	25.7
2.	66.7	12.	58.0	22.	48.3	32.	37.5	42.	25.4
.2	66.5	.2	57.8	.2	48.1	.2	37.3	.2	25.2
.4	66.4	.4	57.6	.4	47.9	.4	37.0	.4	24.9
.6	66.2	.6	57.5	.6	47.7	.6	36.8	.6	24.7
.8	66.1	.8	57.3	.8	47.5	.8	36.5	.8	24.4
3.	65.9	13.	57.1	23.	47.3	33.	36.3	43.	24.2
.2	65.7	.2	56.9	.2	47.1	.2	36.1	.2	23.9
.4	65.6	.4	56.7	.4	46.9	.4	35.9	.4	23.7
.6	65.4	.6	56.5	.6	46.7	.6	35.6	.6	23.4
.8	65.3	.8	56.3	.8	46.5	.8	35.4	.8	23.2
4.	65.1	14.	56.1	24.	46.3	34.	35.2	44.	22.9
.2	64.9	.2	55.9	.2	46.1	.2	35.0	.2	22.6
.4	64.7	.4	55.7	.4	45.9	.4	34.7	.4	22.3
.6	64.6	.6	55.6	.6	45.6	.6	34.5	.6	22.1
.8	64.4	.8	55.4	.8	45.4	.8	34.2	.8	21.8
5.	64.2	15.	55.2	25.	45.2	35.	34.0	45.	21.5
.2	64.0	.2	55.0	.2	45.0	.2	33.8	.2	21.2
.4	63.8	.4	54.8	.4	44.8	.4	33.5	.4	21.0
.6	63.7	.6	54.6	.6	44.5	.6	33.3	.6	20.7
.8	63.5	.8	54.4	.8	44.3	.8	33.0	.8	20.5
6.	63.3	16.	54.2	26.	44.1	36.	32.8	46.	20.2
.2	63.1	.2	54.0	.2	43.9	.2	32.6	.2	19.9
.4	63.0	.4	53.8	.4	43.7	.4	32.3	.4	19.7
.6	62.8	.6	53.7	.6	43.4	.6	32.1	.6	19.4
.8	62.7	.8	53.5	.8	43.2	.8	31.8	.8	19.2
7.	62.5	17.	53.3	27.	43.0	37.	31.6	47.	18.9
.2	62.3	.2	53.1	.2	42.8	.2	31.4	.2	18.6
.4	62.1	.4	52.9	.4	42.6	.4	31.1	.4	18.3
.6	62.0	.6	52.7	.6	42.3	.6	30.9	.6	18.1
.8	61.8	.8	52.5	.8	42.1	.8	30.6	.8	17.8
8.	61.6	18.	52.3	28.	41.9	38.	30.4	48.	17.5
.2	61.4	.2	52.1	.2	41.7	.2	30.1	.2	17.2
.4	61.2	.4	51.9	.4	41.5	.4	29.9	.4	17.0
.6	61.1	.6	51.7	.6	41.3	.6	29.6	.6	16.7
.8	60.9	.8	51.5	.8	41.1	.8	29.4	.8	16.5
9.	60.7	19.	51.3	29.	40.9	39.	29.1	49.	16.2
.2	60.5	.2	51.1	.2	40.7	.2	28.9	.2	15.9
.4	60.3	.4	50.9	.4	40.5	.4	28.6	.4	15.6
.6	60.2	.6	50.7	.6	40.2	.6	28.4	.6	15.4
.8	60.0	.8	50.5	.8	40.0	.8	28.1	.8	15.1
10.	59.8	20.	50.3	30.	39.8	40.	27.9	50.	14.8

TEMPERATURE 54°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.8	60.	.2	70.	16.6	80.	38.1	90.	71.5
.2	14.5	.2	.1	.2	17.0	.2	38.6	.2	72.2
.4	14.2	.4	.4	.4	17.4	.4	39.1	.4	72.9
.6	14.0	.6	.8	.6	17.7	.6	39.7	.6	73.6
.8	13.7	.8	1.1	.8	18.1	.8	40.2	.8	74.3
51.	13.3	61.	1.4	71.	18.5	81.	40.7	91.	75.0
.2	13.1	.2	1.7	.2	18.9	.2	41.3	.2	75.7
.4	12.8	.4	2.0	.4	19.3	.4	41.8	.4	76.3
.6	12.6	.6	2.3	.6	19.6	.6	42.4	.6	77.0
.8	12.3	.8	2.6	.8	20.0	.8	42.9	.8	77.6
52.	12.0	62.	2.9	72.	20.4	82.	43.5	92.	78.3
.2	11.7	.2	3.2	.2	20.8	.2	44.1	.2	78.9
.4	11.4	.4	3.5	.4	21.2	.4	44.7	.4	79.6
.6	11.2	.6	3.9	.6	21.5	.6	45.3	.6	80.2
.8	10.9	.8	4.2	.8	21.9	.8	45.9	.8	80.9
53.	10.6	63.	4.5	73.	22.3	83.	46.5	93.	81.5
.2	10.3	.2	4.8	.2	22.7	.2	47.1	.2	82.1
.4	10.0	.4	5.2	.4	23.1	.4	47.8	.4	82.7
.6	9.7	.6	5.5	.6	23.5	.6	48.4	.6	83.3
.8	9.4	.8	5.9	.8	23.9	.8	49.1	.8	83.9
54.	9.1	64.	6.2	74.	24.3	84.	49.7	94.	84.5
.2	8.8	.2	6.5	.2	24.7	.2	50.4	.2	85.1
.4	8.5	.4	6.8	.4	25.1	.4	51.1	.4	85.7
.6	8.3	.6	7.2	.6	25.6	.6	51.8	.6	86.2
.8	8.0	.8	7.5	.8	26.0	.8	52.5	.8	86.8
55.	7.7	65.	7.8	75.	26.4	85.	53.2	95.	87.4
.2	7.4	.2	8.1	.2	26.8	.2	53.9	.2	88.0
.4	7.1	.4	8.5	.4	27.3	.4	54.7	.4	88.5
.6	6.8	.6	8.8	.6	27.7	.6	55.4	.6	89.1
.8	6.5	.8	9.2	.8	28.2	.8	56.2	.8	89.6
56.	6.2	66.	9.5	76.	28.6	86.	56.9	96.	90.2
.2	5.9	.2	9.8	.2	29.0	.2	57.6	.2	90.7
.4	5.6	.4	10.2	.4	29.5	.4	58.4	.4	91.3
.6	5.4	.6	10.5	.6	29.9	.6	59.1	.6	91.8
.8	5.1	.8	10.9	.8	30.4	.8	59.9	.8	92.4
57.	4.8	67.	11.2	77.	30.8	87.	60.6	97.	92.9
.2	4.5	.2	11.6	.2	31.3	.2	61.3	.2	93.4
.4	4.2	.4	11.9	.4	31.7	.4	62.1	.4	93.9
.6	3.9	.6	12.3	.6	32.2	.6	62.8	.6	94.4
.8	3.6	.8	12.6	.8	32.6	.8	63.6	.8	94.9
58.	3.3	68.	13.0	78.	33.1	88.	64.3	98.	95.4
.2	3.0	.2	13.4	.2	33.6	.2	65.0	.2	95.9
.4	2.7	.4	13.7	.4	34.1	.4	65.7	.4	96.4
.6	2.3	.6	14.1	.6	34.6	.6	66.5	.6	96.8
.8	2.0	.8	14.4	.8	35.1	.8	67.2	.8	97.3
59.	1.7	69.	14.8	79.	35.6	89.	67.9	99.	97.8
.2	1.4	.2	15.2	.2	36.1	.2	68.6	.2	98.3
.4	1.1	.4	15.5	.4	36.6	.4	69.3	.4	98.8
.6	.8	.6	15.9	.6	37.1	.6	70.1	.6	99.2
.8	.5	.8	16.2	.8	37.6	.8	70.8	.8	99.7
60.	.2	70.	16.6	80.	38.1	90.	71.5	100.	——

E 2

TEMPERATURE 55°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	68.1	10.	59.5	20.	50.0	30.	39.5	40.	27.6
.2	67.9	.2	59.3	.2	49.8	.2	39.3	.2	27.3
.4	67.8	.4	59.1	.4	49.6	.4	39.0	.4	27.1
.6	67.6	.6	59.0	.6	49.4	.6	38.7	.6	26.8
.8	67.5	.8	58.8	.8	49.2	.8	38.5	.8	26.6
1.	67.3	11.	58.6	21.	49.0	31.	38.3	41.	26.3
.2	67.1	.2	58.4	.2	48.8	.2	38.1	.2	26.1
.4	67.0	.4	58.2	.4	48.6	.4	37.9	.4	25.8
.6	66.8	.6	58.1	.6	48.4	.6	37.6	.6	25.6
.8	66.7	.8	57.9	.8	48.2	.8	37.4	.8	25.3
2.	66.5	12.	57.7	22.	48.0	32.	37.2	42.	25.1
.2	66.3	.2	57.5	.2	47.8	.2	37.0	.2	24.8
.4	66.1	.4	57.3	.4	47.6	.4	36.8	.4	24.6
.6	66.0	.6	57.2	.6	47.4	.6	36.5	.6	24.3
.8	65.8	.8	57.0	.8	47.2	.8	36.3	.8	23.1
3.	65.6	13.	56.8	23.	47.0	33.	36.1	43.	23.8
.2	65.4	.2	56.6	.2	46.8	.2	35.9	.2	23.5
.4	65.3	.4	56.4	.4	46.6	.4	35.6	.4	23.3
.6	65.1	.6	56.3	.6	46.4	.6	35.4	.6	23.0
.8	65.0	.8	56.1	.8	46.2	.8	35.1	.8	22.8
4.	64.8	14.	55.9	24.	46.0	34.	34.9	44.	22.5
.2	64.6	.2	55.7	.2	45.8	.2	34.7	.2	22.2
.4	64.4	.4	55.5	.4	45.6	.4	34.4	.4	22.0
.6	64.3	.6	55.3	.6	45.3	.6	34.2	.6	21.7
.8	64.1	.8	55.1	.8	45.1	.8	33.9	.8	21.5
5.	63.9	15.	54.9	25.	44.9	35.	33.7	45.	21.2
.2	63.7	.2	54.7	.2	44.7	.2	33.5	.2	20.9
.4	63.6	.4	54.5	.4	44.5	.4	33.2	.4	20.7
.6	63.4	.6	54.4	.6	44.2	.6	33.0	.6	20.4
.8	63.3	.8	54.2	.8	44.0	.8	32.7	.8	20.2
6.	63.1	16.	54.0	26.	43.8	36.	32.5	46.	19.9
.2	62.9	.2	53.8	.2	43.6	.2	32.3	.2	19.6
.4	62.7	.4	53.6	.4	43.4	.4	32.0	.4	19.4
.6	62.6	.6	53.4	.6	43.2	.6	31.8	.6	19.1
.8	62.4	.8	53.2	.8	43.0	.8	31.5	.8	18.9
7.	62.2	17.	53.0	27.	42.8	37.	31.3	47.	18.6
.2	62.0	.2	52.8	.2	42.6	.2	31.1	.2	18.3
.4	61.8	.4	52.6	.4	42.4	.4	30.8	.4	18.0
.6	61.7	.6	52.4	.6	42.1	.6	30.6	.6	17.8
.8	61.5	.8	52.2	.8	41.9	.8	30.3	.8	17.5
8.	61.3	18.	52.0	28.	41.7	38.	30.1	48.	17.2
.2	61.1	.2	51.8	.2	41.5	.2	29.9	.2	16.9
.4	60.9	.4	51.6	.4	41.3	.4	29.6	.4	16.6
.6	60.8	.6	51.4	.6	41.0	.6	29.4	.6	16.4
.8	60.6	.8	51.2	.8	40.8	.8	29.1	.8	16.1
9.	60.4	19.	51.0	29.	40.6	39.	28.9	49.	15.8
.2	60.2	.2	50.8	.2	40.4	.2	28.6	.2	15.5
.4	60.0	.4	50.6	.4	40.2	.4	28.4	.4	15.2
.6	59.9	.6	50.4	.6	39.9	.6	28.1	.6	15.0
.8	59.7	.8	50.2	.8	39.7	.8	27.9	.8	14.7
10.	59.5	20.	50.0	30.	39.5	40.	27.6	50.	14.5

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.5	60.	.1	70.	17.0	80.	38.5	90.	71.7
.2	14.1	.2	.4	.2	17.4	.2	39.0	.2	72.4
.4	13.8	.4	.7	.4	17.8	.4	39.5	.4	73.1
.6	13.6	.6	1.1	.6	18.1	.6	40.1	.6	73.8
.8	13.3	.8	1.4	.8	18.5	.8	40.6	.S	74.5
51.	13.0	61.	1.7	71.	18.9	81.	41.1	91.	75.2
.2	12.7	.2	2.0	.2	19.3	.2	41.7	.2	75.8
.4	12.4	.4	2.3	.4	19.7	.4	42.2	.4	76.5
.6	12.2	.6	2.7	.6	20.0	.6	42.8	.6	77.1
.8	11.9	.8	3.0	.8	20.4	.8	43.3	.8	77.8
52.	11.6	62.	3.3	72.	20.8	82.	43.9	92.	78.4
.2	11.3	.2	3.6	.2	21.2	.2	44.5	.2	79.0
.4	11.0	.4	3.9	.4	21.6	.4	45.1	.4	79.7
.6	10.8	.6	4.3	.6	21.9	.6	45.7	.6	80.3
.8	10.5	.8	4.6	.8	22.3	.8	46.3	.8	81.0
53.	10.2	63.	4.9	73.	22.7	83.	46.9	93.	81.6
.2	9.9	.2	5.2	.2	23.1	.2	47.5	.2	82.2
.4	9.6	.4	5.6	.4	23.5	.4	48.2	.4	82.8
.6	9.4	.6	5.9	.6	23.9	.6	48.8	.6	83.4
.8	9.1	.8	6.3	.8	24.3	.8	49.5	.8	84.0
54.	8.8	64.	6.6	74.	24.7	84.	50.1	94.	84.6
.2	8.5	.2	6.9	.2	25.1	.2	50.8	.2	85.2
.4	8.2	.4	7.2	.4	25.5	.4	51.5	.4	85.8
.6	8.0	.6	7.6	.6	26.0	.6	52.2	.6	86.3
.8	7.7	.8	7.9	.8	26.4	.8	52.9	.8	86.9
55.	7.4	65.	8.2	75.	26.8	85.	53.6	95.	87.5
.2	7.1	.2	8.5	.2	27.2	.2	54.3	.2	88.1
.4	6.8	.4	8.9	.4	27.7	.4	55.1	.4	88.6
.6	6.5	.6	9.2	.6	28.1	.6	55.8	.6	89.2
.8	6.2	.8	9.6	.8	28.6	.8	56.6	.8	89.7
56.	5.9	66.	9.9	76.	29.0	86.	57.3	96.	90.3
.2	5.6	.2	10.2	.2	29.4	.2	58.0	.2	90.8
.4	5.3	.4	10.6	.4	29.9	.4	58.7	.4	91.3
.6	5.0	.6	10.9	.6	30.3	.6	59.5	.6	91.9
.8	4.7	.8	11.3	.8	30.8	.8	60.2	.8	92.4
57.	4.4	67.	11.6	77.	31.2	87.	60.9	97.	92.9
.2	4.1	.2	12.0	.2	31.7	.2	61.6	.2	93.4
.4	3.8	.4	12.3	.4	32.1	.4	62.4	.4	93.9
.6	3.5	.6	12.7	.6	32.6	.6	63.1	.6	94.5
.8	3.2	.8	13.0	.8	33.0	.8	63.9	.S	95.0
58.	2.9	68.	13.4	78.	33.5	88.	64.6	98.	95.5
.2	2.6	.2	13.8	.2	34.0	.2	65.3	.2	96.0
.4	2.3	.4	14.1	.4	34.5	.4	66.0	.4	96.5
.6	2.0	.6	14.5	.6	35.0	.6	66.8	.6	96.9
.8	1.7	8	14.8	.8	35.5	.8	67.5	.8	97.4
59.	1.4	69.	15.2	79.	36.0	89.	68.2	99.	97.9
.2	1.1	.2	15.6	.2	36.5	.2	68.9	.2	98.4
.4	.8	.4	15.9	.4	37.0	.4	69.6	.4	98.8
.6	.5	.6	16.3	.6	37.5	.6	70.3	.6	99.3
.8	.2	.8	16.6	.8	38.0	.8	71.0	.8	99.7
60.	.1	70.	17.0	80.	38.5	90.	71.7	100.	—

TEMPERATURE 56°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.9	10.	59.2	20.	49.8	30.	39.2	40.	27.3
.2	67.7	.2	59.0	.2	49.6	.2	39.0	.2	27.0
.4	67.6	.4	58.8	.4	49.4	.4	38.7	.4	26 8
.6	67.4	.6	58.7	.6	49.2	.6	38.5	.6	26.5
.8	67.3	.8	58.5	.8	49.0	.8	38.2	.8	26.3
1.	67.1	11.	58.3	21.	48.8	31.	38.0	41.	26.0
.2	66.9	.2	58.1	.2	48.6	.2	37.8	.2	25.8
.4	66.8	.4	57.9	.4	48.4	.4	37.6	.4	25.5
.6	66.6	.6	57.8	.6	48.1	.6	37.3	.6	25.3
.8	66.5	.8	57.6	.8	47.9	.8	37.1	.8	25.0
2.	66.3	12.	57.4	22.	47.7	32.	36 9	42.	24.8
.2	66.1	.2	57.2	.2	47.5	.2	36.7	.2	24.5
.4	65.9	.4	57.0	.4	47.3	.4	36.5	.4	24.3
.6	65.8	.6	56.9	.6	47.1	.6	36.2	.6	24.0
.8	65.6	.8	56.7	.8	46.9	.8	36.0	.8	23.8
3.	65.4	13.	56.5	23.	46.7	33.	35.8	43.	23.5
.2	65.2	.2	56.3	.2	46.5	.2	35.6	.2	23.2
.4	65.0	.4	56.1	.4	46.3	.4	35.3	.4	23.0
.6	64.9	.6	56·0	.6	46.1	.6	35.1	.6	22.7
.8	64.7	.8	55.8	.8	45.9	.8	34.8	.8	22.5
4.	64.5	14.	55.6	24.	45.7	34.	34.6	44.	22.2
.2	64.3	.2	55.4	.2	45.5	.2	34.4	.2	21.9
.4	64.2	.4	55.2	.4	45.3	.4	34.1	.4	21.7
.6	64.0	.6	55.0	.6	45.0	.6	33.9	.6	21.4
.8	63.9	.8	54.8	.8	44.8	.8	33.6	.8	21.2
5.	63.7	15.	54.6	25.	44.6	35.	33.4	45.	20.9
.2	63.5	.2	54.4	.2	44.4	.2	33.2	.2	20.6
.4	63.3	.4	54.2	.4	44.2	.4	32.9	.4	20.4
.6	63.2	.6	54.1	.6	44.0	.6	32.7	.6	20.1
.8	63.0	.8	53.9	.8	43.8	.8	32.4	.8	19.9
6.	62.8	16.	53.7	26.	43.6	36.	32.2	46.	19.6
.2	62.6	.2	53.5	.2	43.4	.2	32.0	.2	19.3
.4	62.4	.4	53.3	.4	43.2	.4	31.7	.4	19.1
.6	62.3	.6	53.2	.6	42.9	.6	31.5	.6	18.8
.8	62.1	.8	53.0	.8	42.7	.8	31.2	.8	18.6
7.	61.9	17.	52.8	27.	42.5	37.	31.0	47.	18.3
.2	61.7	.2	52.6	.2	42.3	.2	30.8	.2	18.0
.4	61.5	.4	52.4	.4	42.1	.4	30.5	.4	17.7
.6	61.4	.6	52.2	.6	41.8	.6	30.3	.6	17.5
.8	61.2	.8	52.0	.8	41.6	.8	30.0	.8	17.2
8.	61.0	18.	51.8	28.	41.4	38.	29.8	48.	16.9
.2	60.8	.2	51.6	.2	41.2	.2	29.6	.2	16.6
.4	60.7	.4	51.4	.4	41.0	.4	29.3	.4	16.3
.6	60.5	.6	51.2	.6	40.7	.6	29.1	.6	16.1
.8	60.4	.8	51.0	.8	40.5	.8	28.8	.8	15.8
9.	60.2	19.	50.8	29.	40.3	39.	28.6	49.	15.5
.2	60.0	.2	50.6	.2	40.1	.2	28.3	.2	15.2
.4	59.8	.4	50.4	.4	39.9	.4	28.1	.4	14.9
.6	59.6	.6	50.2	.6	39.6	.6	27.8	.6	14.7
.8	59.4	.8	50.0	.8	39.4	.8	27.6	.8	14.4
10.	59.2	20.	49.8	30.	39.2	40.	27.3	50.	14.1

TEMPERATURE 56°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	14.1	60.	.5	70.	17.4	80.	38.9	90.	71.9
.2	13.8	.2	.8	.2	17.8	.2	39.4	.2	72.6
.4	13.5	.4	1.1	.4	18.2	.4	40.0	.4	73.3
.6	13.3	.6	1.4	.6	18.5	.6	40.5	.6	73.9
.8	13.0	.8	1.7	.8	18.9	.8	41.1	.8	74.6
51.	12.7	61.	2.0	71.	19.3	81.	41.6	91.	75.3
.2	12.4	.2	2.3	.2	19.7	.2	42.2	.2	76.0
.4	12.1	.4	2.6	.4	20.1	.4	42.7	.4	76.6
.6	11.9	.6	3.0	.6	20.4	.6	43.3	.6	77.3
.8	11.6	.8	3.3	.8	20.8	.8	43.8	.8	77.9
52.	11.3	62.	3.6	72.	21.2	82.	44.4	92.	78.6
.2	11.0	.2	3.9	.2	21.6	.2	45.0	.2	79.2
.4	10.7	.4	4.2	.4	22.0	.4	45.6	.4	79.8
.6	10.5	.6	4.6	.6	22.3	.6	46.2	.6	80.5
.8	10.2	.8	4.9	.8	22.7	.8	46.8	.8	81.1
53.	9.9	63.	5.2	73.	23.1	83.	47.4	93.	81.7
.2	9.6	.2	5.5	.2	23.5	.2	48.0	.2	82.3
.4	9.3	.4	5.9	.4	23.9	.4	48.7	.4	82.9
.6	9.1	.6	6.2	.6	24.3	.6	49.3	.6	83.5
.8	8.8	.8	6.6	.8	24.7	.8	50.0	.8	84.1
54.	8.5	64.	6.9	74.	25.1	84.	50.6	94.	84.7
.2	8.2	.2	7.2	.2	25.5	.2	51.3	.2	85.3
.4	7.9	.4	7.5	.4	25.9	.4	52.0	.4	85.9
.6	7.7	.6	7.9	.6	26.4	.6	52.6	.6	86.4
.8	7.4	.8	8.2	.8	26.8	.8	53.3	.8	87.0
55.	7.1	65.	8.5	75.	27.2	85.	54.0	95.	87.6
.2	6 8	.2	8.8	.2	27.6	.2	54.7	.2	88.2
.4	6.5	.4	9.2	.4	28.1	.4	55.4	.4	88.7
.6	6.1	.6	9.5	.6	28.5	.6	56.2	.6	89.3
.8	5.8	.8	9.9	.8	29.0	.8	56.9	.8	89.8
56.	5.5	66.	10.2	76.	29.4	86.	57.6	96.	90.4
.2	5.2	.2	10.6	.2	29.8	.2	58.3	.2	90.9
.4	4.9	.4	10.9	.4	30.3	.4	59.0	.4	91.4
.6	4.7	.6	11.3	.6	30.7	.6	59.8	.6	92.0
.8	4.4	.8	11.6	.8	31.2	.8	60.5	.8	92.5
57.	4.1	67.	12.0	77.	31.6	87.	61.2	97.	93.0
.2	3.8	.2	12.4	.2	32.1	.2	61.9	.2	93.5
.4	3.5	.4	12.7	.4	32.5	.4	62.6	.4	94.0
.6	3.2	.6	13.1	.6	33.0	.6	63.4	.6	94.5
.8	2.9	.8	13.4	.8	33.4	.8	64.1	.8	95.0
58.	2.6	68.	13.8	78.	33.9	88.	64.8	98.	95.5
.2	2.3	.2	14.2	.2	34.4	.2	65.5	.2	96.0
.4	2.0	.4	14.5	.4	34.9	.4	66.2	.4	96.5
.6	1.7	.6	14.9	.6	35.4	.6	67.0	.6	97.0
.8	1.4	.8	15.2	.8	35.9	.8	67.7	.8	97.5
59.	1.1	69.	15.6	79.	36.4	89.	68.4	99.	98.0
.2	.8	.2	16.0	.2	36.9	.2	69.1	.2	98.5
.4	.5	.4	16.3	.4	37.4	.4	69.8	.4	98.9
.6	.1	.6	16.7	.6	37.9	.6	70.5	.6	99.4
.8	.2	.8	17.0	.8	38.4	.8	71.2	.8	99.8
60.	.5	70.	17.4	80.	38.9	90.	71.9	100.	—

TEMPERATURE 57°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.7	10.	59.0	20.	49.5	30.	38.9	40.	27.0
.2	67.5	.2	58.8	.2	49.3	.2	38.7	.2	26.7
.4	67.4	.4	58.6	.4	49.1	.4	38.4	.4	26.5
.6	67.2	.6	58.5	.6	48.9	.6	38.2	.6	26.2
.8	67.1	.8	58.3	.8	48.7	.8	37.9	.8	26.0
1.	66.9	11.	58.1	21.	48.5	31.	37.7	41.	25.7
.2	66.7	.2	57.9	.2	48.3	.2	37.5	.2	25.5
.4	66.6	.4	57.7	.4	48.1	.4	37.3	.4	25.2
.6	66.4	.6	57.6	.6	47.8	.6	37.0	.6	25.0
.8	66.3	.8	57.4	.8	47.6	.8	36.8	.8	24.7
2.	66.1	12.	57.2	22.	47.4	32.	36.6	42.	24.5
.2	65.9	.2	57.0	.2	47.2	.2	36.4	.2	24.2
.4	65.7	.4	56.8	.4	47.0	.4	36.2	.4	24.0
.6	65.6	.6	56.7	.6	46.8	.6	35.9	.6	23.7
.8	65.4	.8	56.5	.8	46.6	.8	35.7	.8	23.5
3.	65.2	13.	56.3	23.	46.4	33.	35.5	43.	23.2
.2	65.0	.2	56.1	.2	46.2	.2	35.3	.2	22.9
.4	64.9	.4	55.9	.4	46.0	.4	35.0	.4	22.7
.6	64.7	.6	55.8	.6	45.8	.6	34.8	.6	22.4
.8	64.6	.8	55.6	.8	45.6	.8	34.5	.8	22.2
4.	64.4	14.	55.4	24.	45.5	34.	34.3	44.	21.9
.2	64.2	.2	55.2	.2	45.2	.2	34.1	.2	21.6
.4	64.0	.4	55.0	.4	45.0	.4	33.8	.4	21.4
.6	63.9	.6	54.8	.6	44.8	.6	33.6	.6	21.1
.8	63.7	.8	54.6	.8	44.6	.8	33.3	.8	20.9
5.	63.5	15.	54.4	25.	44.4	35.	33.1	45.	20.6
.2	63.3	.2	54.2	.2	44.2	.2	32.9	.2	20.3
.4	63.1	.4	54.0	.4	44.0	.4	32.6	.4	20.0
.6	63.0	.6	53.9	.6	43.7	.6	32.4	.6	19.8
.8	62.8	.8	53.7	.8	43.5	.8	32.1	.8	19.5
6.	62.6	16.	53.5	26.	43.3	36.	31.9	46.	19.2
.2	62.4	.2	53.3	.2	43.1	.2	31.7	.2	18.9
.4	62.2	.4	53.1	.4	42.9	.4	31.4	.4	18.7
.6	62.1	.6	52.9	.6	42.6	.6	31.2	.6	18.4
.8	61.9	.8	52.7	.8	42.4	.8	30.9	.8	18.2
7.	61.7	17.	52.5	27.	42.2	37.	30.7	47.	17.9
.2	61.5	.2	52.3	.2	42.0	.2	30.5	.2	17.6
.4	61.3	.4	52.1	.4	41.8	.4	30.2	.4	17.4
.6	61.2	.6	51.9	.6	41.5	.6	30.0	.6	17.1
.8	61.0	.8	51.7	.8	41.3	.8	29.7	.8	16.9
8.	60.8	18.	51.5	28.	41.1	38.	29.5	48.	16.6
.2	60.6	.2	51.3	.2	40.9	.2	29.2	.2	16.3
.4	60.5	.4	51.1	.4	40.7	.4	29.0	.4	16.0
.6	60.3	.6	50.9	.6	40.4	.6	28.7	.6	15.8
.8	60.2	.8	50.7	.8	40.2	.8	28.5	.8	15.5
9.	60.0	19.	50.5	29.	40.0	39.	28.2	49.	15.2
.2	59.8	.2	50.3	.2	39.8	.2	28.0	.2	14.9
.4	59.6	.4	50.1	.4	39.6	.4	27.7	.4	14.6
.6	59.4	.6	49.9	.6	39.3	.6	27.5	.6	14.4
.8	59.2	.8	49.7	.8	39.1	.8	27.2	.8	14.1
10.	59.0	20.	49.5	30.	38.9	40.	27.0	50.	13.8

TEMPERATURE 57°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.8	60.	.9	70.	17.8	80.	39.3	90.	72.1
.2	13.5	.2	1.2	.2	18.2	.2	39.8	.2	72.8
.4	13.2	.4	1.5	.4	18.6	.4	40.4	.4	73.5
.6	13.0	.6	1.8	.6	18.9	.6	40.9	.6	74.1
.8	12.7	.8	2.1	.8	19.3	.8	41.5	.8	74.8
51.	12.4	61.	2.4	71.	19.7	81.	42.0	91.	75.5
.2	12.1	.2	2.7	.2	20.1	.2	42.6	.2	76.1
.4	11.8	.4	3.0	.4	20.5	.4	43.1	.4	76.8
.6	11.6	.6	3.4	.6	20.8	.6	43.7	.6	77.4
.8	11.3	.8	3.7	.8	21.2	.8	44.2	.8	78.1
52.	11.0	62.	4.0	72.	21.6	82.	44.8	92.	78.7
.2	10.7	.2	4.3	.2	22.0	.2	45.4	.2	79.3
.4	10.4	.4	4.6	.4	22.4	.4	46.0	.4	80.0
.6	10.1	.6	5.0	.6	22.7	.6	46.6	.6	80.6
.8	9.8	.8	5.3	.8	23.1	.8	47.2	.8	81.3
53.	9.5	63.	5.6	73.	23.5	83.	47.8	93.	81.9
.2	9.2	.2	5.9	.2	23.9	.2	48.4	.2	82.5
.4	8.9	.4	6.2	.4	24.3	.4	49.1	.4	83.1
.6	8.7	.6	6.6	.6	24.7	.6	49.7	.6	83.6
.8	8.4	.8	6.9	.8	25.1	.8	50.4	.8	84.2
54.	8.1	64.	7.2	74.	25.5	84.	51.0	94.	84.8
.2	7.8	.2	7.5	.2	25.9	.2	51.7	.2	85.4
.4	7.5	.4	7.9	.4	26.3	.4	52.4	.4	86.0
.6	7.3	.6	8.2	.6	26.8	.6	53.0	.6	86.5
.8	7.0	.8	8.6	.8	27.2	.8	53.7	.8	87.1
55.	6.7	65.	8.9	75.	27.6	85.	54.4	95.	87.7
.2	6.4	.2	9.2	.2	28.0	.2	55.1	.2	88.3
.4	6.1	.4	9.6	.4	28.5	.4	55.8	.4	88.8
.6	5.8	.6	9.9	.6	28.9	.6	56.6	.6	89.4
.8	5.5	.8	10.3	.8	29.4	.8	57.3	.8	89.9
56.	5.2	66.	10.6	76.	29.8	86.	58.0	96.	90.5
.2	4.9	.2	10.9	.2	30.2	.2	58.7	.2	91.0
.4	4.6	.4	11.3	.4	30.7	.4	59.4	.4	91.5
.6	4.3	.6	11.6	.6	31.1	.6	60.1	.6	92.1
.8	4.0	.8	12.0	.8	31.6	.8	60.8	.8	92.6
57.	3.7	67.	12.3	77.	32.0	87.	61.5	97.	93.1
.2	3.4	.2	12.7	.2	32.5	.2	62.2	.2	93.6
.4	3.1	.4	13.0	.4	32.9	.4	62.9	.4	94.1
.6	2.8	.6	13.4	.6	33.4	.6	63.7	.6	94.6
.8	2.5	.8	13.7	.8	33.8	.8	64.4	.8	95.1
58.	2.2	68.	14.1	78.	34.3	88.	65.1	98.	95.6
.2	1.9	.2	14.5	.2	34.8	.2	65.8	.2	96.1
.4	1.6	.4	14.8	.4	35.3	.4	66.5	.4	96.6
.6	1.3	.6	15.2	.6	35.8	.6	67.2	.6	97.0
.8	1.0	.8	15.5	.8	36.3	.8	67.9	.8	97.5
59.	.7	69.	15.9	79.	36.8	89.	68.6	99.	98.0
.2	.4	.2	16.3	.2	37.3	.2	69.3	.2	98.5
.4	.1	.4	16.7	.4	37.8	.4	70.0	.4	98.9
.6	.3	.6	17.0	.6	38.3	.6	70.7	.6	99.4
.8	.6	.8	17.4	.8	38.8	.8	71.4	.8	99.8
60.	.9	70.	17.8	80.	39.3	90.	72.1	100.	——

TEMPERATURE 58°.

Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof	Wts.& Divs. on Stem.	Per Cent. over Proof.
0.	67.5	10.	58.8	20.	49.2	30.	38.6	40.	26.7
.2	67.3	.2	58.6	.2	49.0	.2	38.4	.2	26.4
.4	67.1	.4	58.4	.4	48.8	.4	38.1	.4	26.2
.6	67.0	.6	58.3	.6	48.6	.6	37.9	.6	25.9
.8	66.8	.8	58.1	.8	48.4	.8	37.6	.8	25.7
1.	66.6	11.	57.9	21.	48.2	31.	37.4	41.	25.4
.2	66.4	.2	57.7	.2	48.0	.2	37.2	.2	25.2
.4	66.3	.4	57.5	.4	47.8	.4	37.0	.4	24.9
.6	66.1	.6	57.4	.6	47.6	.6	36.7	.6	24.7
.8	66.0	.8	57.2	.8	47.4	.8	36.5	.8	24.4
2.	65.8	12.	57.0	22.	47.2	32.	36.3	42.	24.2
.2	65.6	.2	56.8	.2	47.0	.2	36.1	.2	23.9
.4	65.5	.4	56.6	.4	46.8	.4	35.8	.4	23.7
.6	65.3	.6	56.4	.6	46.6	.6	35.6	.6	23.4
.8	65.2	.8	56.2	.8	46.4	.8	35.3	.8	23.2
3.	65.0	13.	56.0	23.	46.2	33.	35.1	43.	22.9
.2	64.8	.2	55.8	.2	46.0	.2	34.9	.2	22.6
.4	64.6	.4	55.6	.4	45.8	.4	34.7	.4	22.4
.6	64.5	.6	55.5	.6	45.5	.6	34.4	.6	22.1
.8	64.3	.8	55.3	.8	45.3	.8	34.2	.8	21.9
4.	64.1	14.	55.1	24.	45.1	34.	34.0	44.	21.6
.2	63.9	.2	54.9	.2	44.9	.2	33.8	.2	21.3
.4	63.7	.4	54.7	.4	44.7	.4	33.5	.4	21.0
.6	63.6	.6	54.6	.6	44.5	.6	33.3	.6	20.8
.8	63.4	.8	54.4	.8	44.3	.8	33.0	.8	20.5
5.	63.2	15.	54.2	25.	44.1	35.	32.8	45.	20.2
.2	63.0	.2	54.0	.2	43.9	.2	32.6	.2	19.9
.4	62.9	.4	53.8	.4	43.7	.4	32.3	.4	19.7
.6	62.7	.6	53.6	.6	43.4	.6	32.1	.6	19.4
.8	62.6	.8	53.4	.8	43.2	.8	31.8	.8	19.2
6.	62.4	16.	53.2	26.	43.0	36.	31.6	46.	18.9
.2	62.2	.2	53.0	.2	42.8	.2	31.4	.2	18.6
.4	62.0	.4	52.8	.4	42.6	.4	31.1	.4	18.4
.6	61.9	.6	52.6	.6	42.3	.6	30.9	.6	18.1
.8	61.7	.8	52.4	.8	42.1	.8	30.6	.8	17.9
7.	61.5	17.	52.2	27.	41.9	37.	30.4	47.	17.6
.2	61.3	.2	52.0	.2	41.7	.2	30.1	.2	17.3
.4	61.1	.4	51.8	.4	41.5	.4	29.9	.4	17.1
.6	61.0	.6	51.6	.6	41.2	.6	29.6	.6	16.8
.8	60.8	.8	51.4	.8	41.0	.8	29.4	.8	16.6
8.	60.6	18.	51.2	28.	40.8	38.	29.1	48.	16.3
.2	60.4	.2	51.0	.2	40.6	.2	28.9	.2	16.0
.4	60.2	.4	50.8	.4	40.4	.4	28.6	.4	15.7
.6	60.1	.6	50.6	.6	40.1	.6	28.4	.6	15.5
.8	59.9	.8	50.4	.8	39.9	.8	28.1	.8	15.2
9.	59.7	19.	50.2	29.	39.7	39.	27.9	49.	14.9
.2	59.5	.2	50.0	.2	39.5	.2	27.7	.2	14.6
.4	59.3	.4	49.8	.4	39.3	.4	27.4	.4	14.3
.6	59.2	.6	49.6	.6	39.0	.6	27.2	.6	14.1
.8	59.0	.8	49.4	.8	38.8	.8	26.9	.8	13.8
10.	58.8	20.	49.2	30.	38.6	40.	26.7	50.	13.5

TEMPERATURE 58°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.5	60.	1.2	70.	18.2	80.	39.7	90.	72.3
.2	13.2	.2	1.5	.2	18.6	.2	40.2	.2	73.0
.4	12.9	.4	1.8	.4	19.0	.4	40.8	.4	73.7
.6	12.7	.6	2.2	.6	19.3	.6	41.3	.6	74.3
.8	12.4	.8	2.5	.8	19.7	.8	41.9	.8	75.0
51.	12.1	61.	2.8	71.	20.1	81.	42.4	91.	75.7
.2	11.8	.2	3.1	.2	20.5	.2	43.0	.2	76.3
.4	11.5	.4	3.4	.4	20.9	.4	43.6	.4	77.0
.6	11.3	.6	3.7	.6	21.2	.6	44.1	.6	77.6
.8	11.0	.8	4.0	.8	21.6	.8	44.7	.8	78.3
52.	10.7	62.	4.3	72.	22.0	82.	45.3	92.	78.9
.2	10.4	.2	4.6	.2	22.4	.2	45.9	.2	79.5
.4	10.1	.4	5.0	.4	22.8	.4	46.5	.4	80.1
.6	9.8	.6	5.3	.6	23.1	.6	47.0	.6	80.8
.8	9.5	.8	5.7	.8	23.5	.8	47.6	.8	81.4
53.	9.2	63.	6.0	73.	23.9	83.	48.2	93.	82.0
.2	8.9	.2	6.3	.2	24.3	.2	48.8	.2	82.6
.4	8.6	.4	6.6	.4	24.7	.4	49.5	.4	83.2
.6	8.4	.6	7.0	.6	25.1	.6	50.1	.6	83.8
.8	8.1	.8	7.3	.8	25.5	.8	50.8	.8	84.4
54.	7.8	64.	7.6	74.	25.9	84.	51.4	94.	85.0
.2	7.5	.2	7.9	.2	26.3	.2	52.1	.2	85.6
.4	7.2	.4	8.3	.4	26.7	.4	52.8	.4	86.1
.6	7.0	.6	8.6	.6	27.2	.6	53.4	.6	86.7
.8	6.7	.8	9.0	.S	27.6	.8	54.1	.8	87.2
55.	6.4	65.	9.3	75.	28.0	85.	54.8	95.	87.8
.2	6.1	.2	9.6	.2	28.4	.2	55.5	.2	88.3
.4	5.8	.4	10.0	.4	28.9	.4	56.2	.4	88.9
.6	5.5	.6	10.3	.6	29.3	.6	56.9	.6	89.4
.8	5.2	.8	10.7	.8	29.8	.8	57.6	.S	90.0
56.	4.9	66.	11.0	76.	30.2	86.	58.3	96.	90.5
.2	4.6	.2	11.3	.2	30.6	.2	59.0	.2	91.0
.4	4.3	.4	11.7	.4	31.1	.4	59.7	.4	91.6
.6	4.0	.6	12.0	.6	31.5	.6	60.4	.6	92.1
.8	3.7	.8	12.4	.8	32.0	.8	61.1	.8	92.7
57.	3.4	67.	12·7	77.	32.4	87.	61.8	97.	93.2
.2	3.1	.2	13.1	.2	32.9	.2	62.5	.2	93.7
.4	2.8	.4	13.4	.4	33.3	.4	63.2	.4	94.2
.6	2.5	.6	13.8	.6	33.8	.6	64.0	.6	94.7
.8	2.2	.8	14.1	.8	34.2	.8	64.7	.S	95.2
58.	1.9	68.	14.5	78.	34.7	88.	65.4	98.	95.7
.2	1.6	.2	14.9	.2	35.2	.2	66.1	.2	96.2
.4	1.3	.4	15.2	.4	35.7	.4	66.8	.4	96.7
.6	1.0	.6	15.6	.6	36.2	.6	67.5	.6	97.1
.8	.7	.8	15.9	.8	36.7	.8	68.2	.8	97.6
59.	.4	69.	16.3	79.	37.2	89.	68.9	99.	98.1
.2	.1	.2	16.7	.2	37.7	.2	69.6	.2	98.6
.4	.2	.4	17.1	.4	38.2	.4	70.3	.4	99.0
.6	.6	.6	17.4	.6	38.7	.6	70.9	.6	99.5
.8	.9	.8	17.8	.8	39.2	.8	71.6	.8	99.9
60.	1.2	70.	18.2	80.	39.7	90.	72.3	100.	———

TEMPERATURE 59°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.2	10.	58.5	20.	49.0	30.	38.3	40.	26.3
.2	67.0	.2	58.3	.2	48.8	.2	38.1	.2	26.1
.4	66.8	.4	58.1	.4	48.6	.4	37.8	.4	25.8
.6	66.7	.6	58.0	.6	48.3	.6	37.6	.6	25.6
.8	66.5	.8	57.8	.8	48.1	.8	37.3	.8	25.3
1.	66.3	11.	57.6	21.	47.9	31.	37.1	41.	25.1
.2	66.1	.2	57.4	.2	47.7	.2	36.9	.2	24.8
.4	66.0	.4	57.2	.4	47.5	.4	36.7	.4	24.6
.6	65.8	.6	57.1	.6	47.3	.6	36.4	.6	24.3
.8	65.7	.8	56.9	.8	47.1	.8	36.2	.8	24.1
2.	65.5	12.	56.7	22.	46.9	32.	36.0	42.	23.8
.2	65.3	.2	56.5	.2	46.7	.2	35.8	.2	23.6
.4	65.2	.4	56.3	.4	46.5	.4	35.5	.4	23.3
.6	65.0	.6	56.1	.6	46.3	.6	35.3	.6	23.1
.8	64.9	.8	55.9	.8	46.1	.8	35.0	.8	22.8
3.	64.7	13.	55.7	23.	45.9	33.	34.8	43.	22.6
.2	64.5	.2	55.5	.2	45.7	.2	34.6	.2	22.3
.4	64.3	.4	55.3	.4	45.5	.4	34.4	.4	22.1
.6	64.2	.6	55.2	.6	45.2	.6	34.1	.6	21.8
.8	64.0	.8	55.0	.8	45.0	.8	33.9	.8	21.6
4.	63.8	14.	54.8	24.	44.8	34.	33.7	44.	21.3
.2	63.6	.2	54.6	.2	44.6	.2	33.5	.2	21.0
.4	63.5	.4	54.4	.4	44.4	.4	33.2	.4	20.7
.6	63.3	.6	54.3	.6	44.2	.6	33.0	.6	20.5
.8	63.2	.8	54.1	.8	44.0	.8	32.7	.8	20.2
5.	63.0	15.	53.9	25.	43.8	35.	32.5	45.	19.9
.2	62.8	.2	53.7	.2	43.6	.2	32.3	.2	19.6
.4	62.6	.4	53.5	.4	43.4	.4	32.0	.4	19.4
.6	62.5	.6	53.5	.6	43.1	.6	31.8	.6	19.1
.8	62.3	.8	53.1	.8	42.9	.8	31.5	.8	18.9
6.	62.1	16.	52.9	26.	42.7	36.	31.3	46.	18.6
.2	61.9	.2	52.7	.2	42.5	.2	31.1	.2	18.3
.4	61.7	.4	52.5	.4	42.3	.4	30.8	.4	18.0
.6	61.6	.6	52.3	.6	42.0	.6	30.6	.6	17.8
.8	61.4	.8	52.1	.8	41.8	.8	30.3	.8	17.5
7.	61.2	17.	51.9	27.	41.6	37.	30.1	47.	17.2
.2	61.0	.2	51.7	.2	41.4	.2	29.8	.2	16.9
.4	60.8	.4	51.5	.4	41.2	.4	29.6	.4	16.7
.6	60.7	.6	51.4	.6	40.9	.6	29.3	.6	16.4
.8	60.5	.8	51.2	.8	40.7	.8	29.1	.8	16.2
8.	60.3	18.	51.0	28.	40.5	38.	28.8	48.	15.9
.2	60.1	.2	50.8	.2	40.3	.2	28.6	.2	15.6
.4	59.9	.4	50.6	.4	40.1	.4	28.3	.4	15.4
.6	59.8	.6	50.4	.6	39.8	.6	28.1	.6	15.1
.8	59.6	.8	50.2	.8	39.6	.8	27.8	.8	14.9
9.	59.4	19.	50.0	29.	39.4	39.	27.6	49.	14.6
.2	59.2	.2	49.8	.2	39.2	.2	27.3	.2	14.3
.4	59.0	.4	49.6	.4	39.0	.4	27.1	.4	14.0
.6	58.9	.6	49.4	.6	38.7	.6	26.8	.6	13.7
.8	58.7	.8	49.2	.8	38.5	.8	26.6	.8	13.4
10.	58.5	20.	49.0	30.	38.3	40.	26.3	50.	13.1

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	13.1	60.	1.5	70.	18.6	80.	40.2	90.	72.6
.2	12.8	.2	1.8	.2	19.0	.2	40.7	.2	73.3
.4	12.5	.4	2.1	.4	19.4	.4	41.2	.4	73.9
.6	12.3	.6	2.5	.6	19.7	.6	41.8	.6	74.6
.8	12.0	.8	2.8	.8	20.1	.8	42.3	.8	75.2
51.	11.7	61.	3.1	71.	20.5	81.	42.8	91.	75.9
.2	11.4	.2	3.4	.2	20.9	.2	43.4	.2	76.5
.4	11.1	.4	3.7	.4	21.3	.4	44.0	.4	77.2
.6	10.9	.6	4.1	.6	21.6	.6	44.5	.6	77.8
.8	10.6	.8	4.4	.8	22.0	.8	45.1	.8	78.5
52.	10.3	62.	4.7	72.	22.4	82.	45.7	92.	79.1
.2	10.0	.2	5.0	.2	22.8	.2	46.3	.2	79.7
.4	9.7	.4	5.3	.4	23.2	.4	46.9	.4	80.3
.6	9.5	.6	5.7	.6	23.5	.6	47.5	.6	80.9
.8	9.2	.8	6.0	.8	23.9	.8	48.1	.8	81.5
53.	8.9	63.	6.3	73.	24.3	83.	48.7	93.	82.1
.2	8.6	.2	6.6	.2	24.7	.2	49.3	.2	82.7
.4	8.3	.4	6.9	.4	25.1	.4	49.9	.4	83.3
.6	8.0	.6	7.3	.6	25.5	.6	50.6	.6	83.9
.8	7.7	.8	7.6	.8	25.9	.8	51.2	.8	84.5
54.	7.4	64.	7.9	74.	26.3	84.	51.8	94.	85.1
.2	7.1	.2	8.2	.2	26.7	.2	52.5	.2	85.7
.4	6.8	.4	8.6	.4	27.1	.4	53.1	.4	86.2
.6	6.6	.6	8.9	.6	27.6	.6	53.8	.6	86.8
.8	6.3	.8	9.3	.8	28.0	.8	54.4	.8	87.3
55.	6.0	65.	9.6	75.	28.4	85.	55.1	95.	87.9
.2	5.7	.2	9.9	.2	28.8	.2	55.8	.2	88.4
.4	5.4	.4	10.3	.4	29.3	.4	56.5	.4	89.0
.6	5.1	.6	10.6	.6	29.7	.6	57.2	.6	89.5
.8	4.8	.8	11.0	.8	30.2	.8	57.9	.8	90.1
56.	4.5	66.	11.3	76.	30.6	86.	58.6	96.	90.6
.2	4.2	.2	11.7	.2	31.0	.2	59.3	.2	91.1
.4	3.9	.4	12.0	.4	31.5	.4	60.0	.4	91.7
.6	3.6	.6	12.4	.6	31.9	.6	60.7	.6	92.2
.8	3.3	.8	12.7	.8	32.4	.8	61.4	.8	92.8
57.	3.0	67.	13.1	77.	32.8	87.	62.1	97.	93.3
.2	2.7	.2	13.5	.2	33.3	.2	62.8	.2	93.8
.4	2.4	.4	13.8	.4	33.8	.4	63.5	.4	94.3
.6	2.1	.6	14.2	.6	34.2	.6	64.3	.6	94.8
.8	1.8	.8	14.5	.8	34.7	.8	65.0	.8	95.3
58.	1.5	68.	14.9	78.	35.2	88.	65.7	98.	95.8
.2	1.2	.2	15.3	.2	35.7	.2	66.4	.2	96.3
.4	.9	.4	15.6	.4	36.2	.4	67.1	.4	96.8
.6	.6	.6	16.0	.6	36.6	.6	67.8	.6	97.2
.8	.3	.8	16.3	.8	37.1	.8	68.5	.8	97.7
59.	——	69.	16.7	79.	37.6	89.	69.2	99.	98.2
.2	.3	.2	17.1	.2	38.1	.2	69.9	.2	98.7
.4	.6	.4	17.5	.4	38.6	.4	70.6	.4	99.1
.6	.9	.6	17.8	.6	39.2	.6	71.2	.6	99.6
.8	1.2	.8	18.2	.8	39.7	.8	71.9	.8	100.0
60.	1.5	70.	18.6	80.	40.2	90.	72.6	100.	——

TEMPERATURE 60°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	67.0	10.	58.2	20.	48.7	30.	38.0	40.	26.0
.2	66.8	.2	58.0	.2	48.5	.2	37.8	.2	25.8
.4	66.6	.4	57.8	.4	48.3	.4	37.6	.4	25.5
.6	66.5	.6	57.7	.6	48.0	.6	37.3	.6	25.3
.8	66.3	.8	57.5	.8	47.8	.8	37.1	.8	25.0
1.	66.1	11.	57.3	21.	47.6	31.	36.9	41.	24.8
.2	65.9	.2	57.1	.2	47.4	.2	36.7	.2	24.5
.4	65.8	.4	56.9	.4	47.2	.4	36.4	.4	24.3
.6	65.6	.6	56.8	.6	47.0	.6	36.2	.6	24.0
.8	65.5	.8	56.6	.8	46.8	.8	35.9	.8	23.8
2.	65.3	12.	56.4	22.	46.6	32.	35.7	42.	23.5
.2	65.1	.2	56.2	.2	46.4	.2	35.5	.2	23.2
.4	65.0	.4	56.0	.4	46.2	.4	35.2	.4	23.0
.6	64.8	.6	55.9	.6	46.0	.6	35.0	.6	22.7
.8	64.7	.8	55.7	.8	45.8	.8	34.7	.8	22.5
3.	64.5	13.	55.5	23.	45.6	33.	34.5	43.	22.2
.2	64.3	.2	55.3	.2	45.4	.2	34.3	.2	21.9
.4	64.1	.4	55.1	.4	45.2	.4	34.1	.4	21.7
.6	64.0	.6	55.0	.6	45.0	.6	33.8	.6	21.4
.8	63.8	.8	54.8	.8	44.8	.8	33.6	.8	21.2
4.	63.6	14.	54.6	24.	44.6	34.	33.4	44.	20.9
.2	63.4	.2	54.4	.2	44.4	.2	33.2	.2	20.6
.4	63.2	.4	54.2	.4	44.2	.4	32.9	.4	20.4
.6	63.1	.6	54.1	.6	43.9	.6	32.7	.6	20.1
.8	62.9	.8	53.9	.8	43.7	.8	32.4	.8	19.9
5.	62.7	15.	53.7	25.	43.5	35.	32.2	45.	19.6
.2	62.5	.2	53.5	.2	43.3	.2	32.0	.2	19.3
.4	62.3	.4	53.3	.4	43.1	.4	31.7	.4	19.1
.6	62.2	.6	53.1	.6	42.8	.6	31.5	.6	18.8
.8	62.0	.8	52.9	.8	42.6	.8	31.2	.8	18.6
6.	61.8	16.	52.7	26.	42.4	36.	31.0	46.	18.3
.2	61.6	.2	52.5	.2	42.2	.2	30.8	.2	18.0
.4	61.4	.4	52.3	.4	42.0	.4	30.5	.4	17.7
.6	61.3	.6	52.1	.6	41.7	.6	30.3	.6	17.5
.8	61.1	.8	51.9	.8	41.5	.8	30.0	.8	17.2
7.	60.9	17.	51.7	27.	41.3	37.	29.8	47.	16.9
.2	60.7	.2	51.5	.2	41.1	.2	29.5	.2	16.6
.4	60.5	.4	51.3	.4	40.9	.4	29.3	.4	16.4
.6	60.4	.6	51.1	.6	40.6	.6	29.0	.6	16.1
.8	60.2	.8	50.9	.8	40.4	.8	28.8	.8	15.9
8.	60.0	18.	50.7	28.	40.2	38.	28.5	48.	15.6
.2	59.8	.2	50.5	.2	40.0	.2	28.3	.2	15.3
.4	59.6	.4	50.3	.4	39.8	.4	28.0	.4	15.0
.6	59.5	.6	50.1	.6	39.5	.6	27.8	.6	14.8
.8	59.3	.8	49.9	.8	39.3	.8	27.5	.8	14.5
9.	59.1	19.	49.7	29.	39.1	39.	27.3	49.	14.2
.2	58.9	.2	49.5	.2	38.9	.2	27.0	.2	13.9
.4	58.7	.4	49.3	.4	38.7	.4	26.8	.4	13.6
.6	58.6	.6	49.1	.6	38.4	.6	26.5	.6	13.4
.8	58.4	.8	48.9	.8	38.2	.8	26.3	.8	13.1
10.	58.2	20.	48.7	30.	38.0	40.	26.0	50.	12.8

TEMPERATURE 60°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.8	60.	1.9	70.	18.9	80.	40.6	90.	72.8
.2	12.5	.2	2.2	.2	19.3	.2	41.1	.2	73.5
.4	12.2	.4	2.5	.4	19.7	.4	41.7	.4	74.1
.6	12.0	.6	2.8	.6	20.0	.6	42.2	.6	74.8
.8	11.7	.8	3.1	.8	20.4	.8	42.8	.8	75.4
51.	11.4	61.	3.4	71.	20.8	81.	43.3	91.	76.1
.2	11.1	.2	3.7	.2	21.2	.2	43.9	.2	76.7
.4	10.8	.4	4.0	.4	21.6	.4	44.4	.4	77.3
.6	10.6	.6	4.4	.6	21.9	.6	45.0	.6	78.0
.8	10.3	.8	4.7	.8	22.3	.8	45.5	.8	78.6
52.	10.0	62.	5.0	72.	22.7	82.	46.1	92.	79.2
.2	9.7	.2	5.3	.2	23.1	.2	46.7	.2	79.8
.4	9.4	.4	5.7	.4	23.5	.4	47.3	.4	80.4
.6	9.2	.6	6.0	.6	23.9	.6	47.9	.6	81.1
.8	8.9	.8	6.4	.8	24.3	.8	48.5	.8	81.7
53.	8.6	63.	6.7	73.	24.7	83.	49.1	93.	82.3
.2	8.3	.2	7.0	.2	25.1	.2	49.7	.2	82.9
.4	8.0	.4	7.3	.4	25.5	.4	50.3	.4	83.5
.6	7.7	.6	7.7	.6	25.9	.6	51.0	.6	84.0
.8	7.4	.8	8.0	.8	26.3	.8	51.6	.8	84.6
54.	7.1	64.	8.3	74.	26.7	84.	52.2	94.	85.2
.2	6.8	.2	8.6	.2	27.1	.2	52.9	.2	85.8
.4	6 5	.4	9.0	.4	27.5	.4	53.5	.4	86.3
.6	6.2	.6	9.3	.6	28.0	.6	54.2	.6	86.9
.8	5.9	.8	9.7	.8	28.4	.8	54.8	.8	87.4
55.	5.6	65.	10.0	75.	28.8	85.	55.5	95.	88.0
.2	5.3	.2	10.3	.2	29.2	.2	56.2	.2	88.5
.4	5.0	.4	10.7	.4	29.7	.4	56.9	.4	89.1
.6	4.8	.6	11.0	.6	30.1	.6	57.6	.6	89.6
.8	4.5	.8	11.4	.8	30.6	.8	58.3	.8	90.2
56.	4.2	66.	11.7	76.	31.0	86.	59.0	96.	90.7
.2	3.9	.2	12.1	.2	31.4	.2	59.7	.2	91.2
.4	3.6	.4	12.4	.4	31.9	.4	60.4	.4	91.7
.6	3.3	.6	12.8	.6	32.3	.6	61.1	.6	92.3
.8	3.0	.8	13.1	.8	32.8	.8	61.8	.8	92.8
57.	2.7	67.	13.5	77.	33.2	87.	62.5	97.	93.3
.2	2.4	.2	13.9	.2	33.7	.2	63.2	.2	93.8
.4	2.1	.4	14.2	.4	34.2	.4	63.9	.4	94.3
.6	1.9	.6	14.6	.6	34.6	.6	64.6	.6	94.9
.8	1.6	.8	14.9	.8	35.1	.8	65.3	.8	95.4
58.	1.3	68.	15.3	78.	35.6	88.	66.0	98.	95.9
.2	1.0	.2	15.7	.2	36.1	.2	66.7	.2	96.4
.4	.7	.4	16.0	.4	36.6	.4	67.4	.4	96.8
.6	.3	.6	16.4	.6	37.1	.6	68.0	.6	97.3
.8	——	.8	16.7	.8	37.6	.8	68.7	.8	**97.**7
59.	.3	69.	17.1	79.	38.1	89.	69.4	99.	98.2
.2	.6	.2	17.5	.2	38.6	.2	70.1	.2	98.7
.4	.9	.4	17.8	.4	39.1	.4	70.8	.4	99.1
.6	1.3	.6	18.2	.6	39.6	.6	71.4	.6	99.6
.8	1.6	.8	18.5	.8	40.1	.8	72.1	.8	100.0
60.	1.9	70.	18.9	80.	40.6	90.	72.8	100.	——

TEMPERATURE 61°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.8	10.	58.0	20.	48.4	30.	37.7	40.	25.7
.2	66.6	.2	57.8	.2	48.2	.2	37.5	.2	25.5
.4	66.4	.4	57.6	.4	48·0	.4	37.3	.4	25.2
.6	66.3	.6	57.5	.6	47.8	.6	37.0	.6	25.0
.8	66.1	.8	57.3	.8	47.6	.8	36.8	.8	24.7
1.	65.9	11.	57.1	21.	47.3	31.	36.6	41.	24.5
.2	65.7	.2	56.9	.2	47.2	.2	36.4	.2	24.2
.4	65.6	.4	56.7	.4	47.0	.4	36.1	.4	24.0
.6	65.4	.6	56.6	.6	46.8	.6	35.9	.6	23.7
.8	65.3	.8	56 4	.8	46.6	.8	35.6	.8	23.5
2.	65.1	12.	56.2	22.	46.4	32.	35.4	42.	23.2
.2	64.9	.2	56·0	.2	46.2	.2	35.2	.2	22.9
.4	64.7	.4	55.8	.4	46.0	.4	34.9	.4	22.7
.6	64.6	.6	55.7	.6	45.8	.6	34.7	.6	22.4
.8	64.4	.8	55.5	.8	45.6	.8	34.4	.8	22.2
3.	64.2	13.	55.3	23.	45.4	33.	34.2	43.	21.9
.2	64.0	.2	55.1	.2	45.2	.2	34.0	.2	21.6
.4	63.9	.4	54.9	.4	45.0	.4	33.8	.4	21.4
.6	63.7	.6	54.7	.6	44.7	.6	33.5	.6	21.1
.8	63.6	.8	54.5	.8	44.5	.8	33.3	.8	20.9
4.	63.4	14.	54.3	24.	44.3	34.	33.1	44.	20.6
.2	63.2	2	54.1	.2	44.1	.2	32.9	.2	20.3
.4	63.0	.4	53.9	.4	43.9	.4	32.6	.4	20.1
.6	62.9	.6	53.8	.6	43.6	.6	32.4	.6	19.8
.8	62.7	.8	53.6	.8	43.4	.8	32.1	.8	19.6
5.	62.5	15.	53.4	25.	43.2	35.	31.9	45.	19.3
.2	62.3	.2	53.2	.2	43.0	.2	31.7	.2	19.0
.4	62.1	.4	53.0	.4	42.8	.4	31.4	.4	18.8
.6	62.0	.6	52.8	.6	42.5	.6	31.2	.6	18.5
.8	61.8	.8	52.6	.8	42.3	.8	30.9	.8	18.3
6.	61.6	16.	52.4	26.	42.1	36.	30.7	46.	18.0
.2	61.4	.2	52.2	.2	41.9	.2	30.4	.2	17.7
.4	61.2	.4	52.0	.4	41.7	.4	30.2	.4	17.4
.6	61.1	.6	51.8	.6	41.4	.6	29.9	.6	17.2
.8	60.9	.8	51.6	.8	41.2	.8	29.7	.8	16.9
7.	60.7	17.	51.4	27.	41.0	37.	29.4	47.	16.6
.2	60.5	.2	51.2	.2	40.8	.2	29.2	.2	16.3
.4	60.3	.4	51.0	.4	40.6	.4	28.9	.4	16.0
.6	60.2	.6	50.8	.6	40.3	.6	28.7	.6	15.8
.8	60.0	.8	50.6	.8	40.1	.8	28.4	.8	15.5
8.	59.8	18.	50.4	28.	40.0	38.	28.2	48.	15.2
.2	59.6	.2	50.2	.2	39.7	.2	28.0	.2	14.9
.4	59.4	.4	50.0	.4	39.5	.4	27.7	.4	14.7
.6	59.3	.6	49.8	.6	39.2	.6	27.5	.6	14.4
.8	59.1	.8	49.6	.8	39.0	.8	27.2	.8	14.2
9.	58.9	19.	49.4	29.	38.8	39.	27.0	49.	13.9
.2	58.7	.3	49.2	.2	38.6	.2	26.7	.2	13.6
.4	58.5	.4	49.0	.4	38.4	.4	26.5	.4	13.3
.6	58.4	.6	48.8	.6	38.1	.6	26.2	.6	13.1
.8	58.2	.8	48.6	.8	37.9	.8	26.0	.8	12.8
10.	58.0	20.	48.4	30.	37.7	40.	25.7	50.	12.5

TEMPERATURE 61°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.5	60.	2.2	70.	19.3	80.	41.0	90.	73.0
.2	12.2	.2	2.5	.2	19.7	.2	41.5	.2	73.7
.4	11.9	.4	2.8	.4	20.1	.4	42.1	.4	74.3
.6	11.6	.6	3.2	.6	20.4	.6	42.6	.6	75.0
.8	11.3	.8	3.5	.8	20.8	.8	43.2	.8	75.6
51.	11.0	61.	3.8	71.	21.2	81.	43.7	91.	76.3
.2	10.7	.2	4.1	.2	21.6	.2	44.3	.2	76.9
.4	10.4	.4	4.4	.4	22.0	.4	44.9	.4	77.5
.6	10.2	.6	4.8	.6	22.3	.6	45.4	.6	78.2
.8	9.9	.8	5.1	.8	22.7	.8	46.0	.8	78.8
52.	9.6	62.	5.4	72.	23.1	82.	46.6	92.	79.4
.2	9.3	.2	5.7	.2	23.5	.2	47.2	.2	80.0
.4	9.0	.4	6.1	.4	23.9	.4	47.8	.4	80.6
.6	8.8	.6	6.4	.6	24.3	.6	48.4	.6	81.2
.8	8.5	.8	6.8	.8	24.7	.8	49.0	.8	81.8
53.	8.2	63.	7.1	73.	25.1	83.	49.6	93.	82.4
.2	7.9	.2	7.4	.2	25.5	.2	50.2	.2	83.0
.4	7.6	.4	7.8	.4	25.9	.4	50.8	.4	83.6
.6	7.4	.6	8.1	.6	26.3	.6	51.4	.6	84.1
.8	7.1	.8	8.4	.8	26.7	.8	52.0	.8	84.7
54.	6.8	64.	8.7	74.	27.1	84.	52.6	94.	85.3
.2	6.5	.2	9.0	.2	27.5	.2	53.3	.2	85.9
.4	6.2	.4	9.4	.4	27.9	.4	53.9	.4	86.5
.6	5.9	.6	9.7	.6	28.4	.6	54.6	.6	87.0
.8	5.6	.8	10.1	.8	28.8	.8	55.2	.8	87.6
55.	5.3	65.	10.4	75.	29.2	85.	55.9	95.	88.2
.2	5.0	.2	10.7	.2	29.6	.2	56.6	.2	88.7
.4	4.7	.4	11.1	.4	30.1	.4	57.3	.4	89.2
.6	4.4	.6	11.4	.6	30.5	.6	57.9	.6	89.8
.8	4.1	.8	11.8	.8	31.0	.8	58.6	.8	90.3
56.	3.8	66.	12.1	76.	31.4	86.	59.3	96.	90.8
.2	3.5	.2	12.5	.2	31.8	.2	60.0	.2	91.3
.4	3.2	.4	12.8	.4	32.3	.4	60.7	.4	91.8
.6	3.0	.6	13.2	.6	32.7	.6	61.4	.6	92.4
.8	2.7	.8	13.5	.8	33.2	.8	62.1	.8	92.9
57.	2.4	67.	13.9	77.	33.6	87.	62.8	97.	93.4
.2	2.1	.2	14.2	.2	34.1	.2	63.5	.2	93.9
.4	1.8	.4	14.6	.4	34.6	.4	64.2	.4	94.4
.6	1.5	.6	14.9	.6	35.0	.6	64.8	.6	94.9
.8	1.2	.8	15.3	.8	35.5	.8	65.5	.8	95.4
58.	.9	68.	15.6	78.	36.0	88.	66.2	98.	95.9
.2	.6	.2	16.0	.2	36.5	.2	66.9	.2	96.4
.4	.3	.4	16.3	.4	37.0	.4	67.6	.4	96.9
.6	.1	.6	16.7	.6	37.5	.6	68.2	.6	97.3
.8	.4	.8	17.0	.8	38.0	.8	68.9	.8	97.8
59.	.7	69.	17.4	79.	38.5	89.	69.6	99.	98.3
.2	1.0	.2	17.8	.2	39.0	.2	70.3	.2	98.8
.4	1.3	.4	18.2	.4	39.5	.4	71.0	.4	99.2
.6	1.6	.6	18.5	.6	40.0	.6	71.6	.6	99.7
.8	1.9	.8	18.9	.8	40.5	.8	72.3	.8	——
60.	2.2	70.	19.3	80.	41.0	90.	73.0	100.	——

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TEMPERATURE 62°.

Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.	Wts.& Divs. on Stem.	Per Cent. over Proof.
0.	66.5	10.	57.8	20.	48.1	30.	37.4	40.	25.4
.2	66.3	.2	57.6	.2	47.9	.2	37.2	.2	25.2
.4	66.1	.4	57.4	.4	47.7	.4	36.9	.4	24.9
.6	66.0	.6	57.2	.6	47.5	.6	36.7	.6	24.7
.8	65.8	.8	57.0	.8	47.3	.8	36.4	.8	24.4
1.	65.6	11.	56.8	21.	47.1	31.	36.2	41.	24.2
.2	65.4	.2	56.6	.2	46.9	.2	36.0	.2	23.9
.4	65.3	.4	56.4	.4	46.7	.4	35.8	.4	23.7
.6	65.1	.6	56.3	.6	46.5	.6	35.5	.6	23.4
.8	65.0	.8	56.1	.8	46.3	.8	35.3	.8	23.2
2.	64.8	12.	55.9	22.	46.1	32.	35.1	42.	22.9
.2	64.6	.2	55.7	.2	45.9	.2	34.9	.2	22.6
.4	64.4	.4	55.5	.4	45.7	.4	34.6	.4	22.4
.6	64.3	.6	55.4	.6	45.5	.6	34.4	.6	22.1
.8	64.1	.8	55.2	.8	45.3	.8	34.1	.8	21.9
3.	63.9	13.	55.0	23.	45.1	33.	33.9	43.	21.6
.2	63.7	.2	54.8	.2	44.9	.2	33.7	.2	21.3
.4	63.6	.4	54.6	.4	44.7	.4	33.5	.4	21.1
.6	63.4	.6	54.4	.6	44.4	.6	33.2	.6	20.8
.8	63.3	.8	54.2	.8	44.2	.8	33.0	.8	20.6
4.	63.1	14.	54.0	24.	44.0	34.	32.8	44.	20.3
.2	62.9	.2	53.8	.2	43.8	.2	32.6	.2	20.0
.4	62.8	.4	53.6	.4	43.6	.4	32.3	.4	19.8
.6	62.6	.6	53.5	.6	43.3	.6	32.1	.6	19.5
.8	62.5	.8	53.3	.8	43.1	.8	31.8	.8	19.3
5.	62.3	15.	53.1	25.	42.9	35.	31.6	45.	19.0
.2	62.1	.2	52.9	.2	42.7	.2	31.4	.2	18.7
.4	61.9	.4	52.7	.4	42.5	.4	31.1	.4	18.4
.6	61.8	.6	52.5	.6	42.2	.6	30.9	.6	18.2
.8	61.6	.8	52.3	.8	42.0	.8	30.6	.8	17.9
6.	61.4	16.	52.1	26.	41.8	36.	30.4	46.	17.6
.2	61.2	.2	51.9	.2	41.6	.2	30.1	.2	17.3
.4	61.0	.4	51.7	.4	41.4	.4	29.9	.4	17.1
.6	60.9	.6	51.5	.6	41.2	.6	29.6	.6	16.8
.8	60.7	.8	51.3	.8	41.0	.8	29.4	.8	16.6
7.	60.5	17.	51.1	27.	40.8	37.	29.1	47.	16.3
.2	60.3	.2	50.9	.2	40.6	.2	28.9	.2	16.0
.4	60.1	.4	50.7	.4	40.4	.4	28.6	.4	15.7
.6	60.0	.6	50.5	.6	40.1	.6	28.4	.6	15.5
.8	59.8	.8	50.3	.8	39.9	.8	28.1	.8	15.2
8.	59.6	18.	50.1	28.	39.7	38.	27.9	48.	14.9
.2	59.4	.2	49.9	.2	39.5	.2	27.7	.2	14.6
.4	59.2	.4	49.7	.4	39.2	.4	27.4	.4	14.3
.6	59.1	.6	49.5	.6	39.0	.6	27.2	.6	14.1
.8	58.9	.8	49.3	.8	38.7	.8	26.9	.8	13.8
9.	58.7	19.	49.1	29.	38.5	39.	26.7	49.	13.5
.2	58.5	.2	48.9	.2	38.3	.2	26.4	.2	13.2
.4	58.3	.4	48.7	.4	38.1	.4	26.2	.4	12.9
.6	58.2	.6	48.5	.6	37.8	.6	25.9	.6	12.7
.8	58.0	.8	48.3	.8	37.6	.8	25.7	.8	12.4
10.	57.8	20.	48.1	30.	37.4	40.	25.4	50.	12.1

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	12.1	60.	2.6	70.	19.7	80.	41.5	90.	73.3
.2	11.8	.2	2.9	.2	20.1	.2	42.0	.2	73.9
.4	11.5	.4	3.2	.4	20.5	.4	42.6	.4	74.5
.6	11.3	.6	3.5	.6	20.8	.6	43.1	.6	75.2
.8	11.0	.8	3.8	.8	21.2	.8	43.7	.8	75.8
51.	10.7	61.	4.1	71.	21.6	81.	44.2	91.	76.4
.2	10.4	.2	4.4	.2	22.0	.2	44.8	.2	77.0
.4	10.1	.4	4.8	.4	22.4	.4	45.3	.4	77.6
.6	9.9	.6	5.1	.6	22.7	.6	45.9	.6	78.3
.8	9.6	.8	5.5	.8	23.1	.8	46.4	.8	78.9
52.	9.3	62.	5.8	72.	23.5	82.	47.0	92.	79.5
.2	9.0	.2	6.1	.2	23.9	.2	47.6	.2	80.1
.4	8.7	.4	6.4	.4	24.3	.4	48.2	.4	80.7
.6	8.5	.6	6.8	.6	24.7	.6	48.8	.6	81.4
.8	8.2	.8	7.1	.8	25.1	.8	49.4	.8	82.0
53.	7.9	63.	7.4	73.	25.5	83.	50.0	93.	82.6
.2	7.6	.2	7.7	.2	25.9	.2	50.6	.2	83.2
.4	7.3	.4	8.1	.4	26.3	.4	51.2	.4	83.8
.6	7.1	.6	8.4	.6	26.7	.6	51.8	.6	84.3
.8	6.8	.8	8.8	.8	27.1	.8	52.4	.8	84.9
54.	6.5	64.	9.1	74.	27.5	84.	53.0	94.	85.5
.2	6.2	.2	9.4	.2	27.9	.2	53.6	.2	86.1
.4	5.9	.4	9.8	.4	28.3	.4	54.3	.4	86.6
.6	5.6	.6	10.1	.6	28.8	.6	54.9	.6	87.2
.8	5.3	.8	10.5	.8	29.2	.8	55.6	.8	87.7
55.	5.0	65.	10.8	75.	29.6	85.	56.2	95.	88.3
.2	4.7	.2	11.1	.2	30.0	.2	56.9	.2	88.8
.4	4.4	.4	11.5	.4	30.5	.4	57.6	.4	89.4
.6	4.1	.6	11.8	.6	30.9	.6	58.2	.6	89.9
.8	3.8	.8	12.2	.8	31.4	.8	58.9	.8	90.5
56.	3.5	66.	12.5	76.	31.8	86.	59.6	96.	91.0
.2	3.2	.2	12·8	.2	32.2	.2	60.3	.2	91.5
.4	2.9	.4	13.2	.4	32.7	.4	61.0	.4	92.0
.6	2.6	.6	13.5	.6	33.1	.6	61.7	.6	92.5
.8	2.3	.8	13.9	.8	33.6	.8	62.4	.8	93.0
57.	2.0	67.	14.2	77.	34.0	87.	63.1	97.	93.5
.2	1.7	.2	14.6	.2	34.5	.2	63.8	.2	94.0
.4	1.4	.4	14.9	.4	35.0	.4	64.5	.4	94.5
.6	1.1	.6	15.3	.6	35.5	.6	65.1	.6	95.0
.8	.8	.8	15.6	.8	36.0	.8	65.8	.8	95.5
58.	.5	68.	16.0	78.	36.5	88.	66.5	98.	96.0
.2	.2	.2	16.4	.2	37.0	.2	67.2	.2	96.5
.4	.1	.4	16.7	.4	37.5	.4	67.9	.4	97.0
.6	.5	.6	17.1	.6	37.9	.6	68.5	.6	97.4
.8	.8	.8	17.4	.8	38.4	.8	69.2	.8	97.9
59.	1.1	69.	17.8	79.	38.9	89.	69.9	99.	98.4
.2	1.4	.2	18.2	.2	39.4	.2	70.6	.2	98.9
.4	1.7	.4	18.6	.4	39.9	.4	71.3	.4	99.3
.6	2.0	.6	18.9	.6	40.5	.6	71.9	.6	99.8
.8	2.3	.8	19.3	.8	41.0	.8	72.6	.8	——
60.	2.6	70.	19.7	80.	41.5	90.	73.3	100.	——

F 2

TEMPERATURE 63°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.3	10.	57.5	20.	47.8	30.	37.1	40.	25.1
.2	66.1	.2	57.3	.2	47.6	.2	36.9	.2	24.8
.4	65.9	.4	57.1	.4	47.4	.4	36.7	.4	24.6
.6	65.8	.6	57.0	.6	47.2	.6	36.4	.6	24.3
.8	65.6	.8	56.8	.8	47.0	.8	36.2	.8	24.1
1.	65.4	11.	56.6	21.	46.8	31.	36.0	41.	23.8
.2	65.2	.2	56.4	.2	46.6	.2	35.8	.2	23.6
.4	65.0	.4	56.2	.4	46.4	.4	35.5	.4	23.3
.6	64.9	.6	56.0	.6	46.2	.6	35.3	.6	23.1
.8	64.7	.8	55.8	.8	46.0	.8	35.0	.8	22.8
2.	64.5	12.	55.6	22.	45.8	32.	34.8	42.	22.4
.2	64.3	.2	55.4	.2	45.6	.2	34.6	.2	22.3
.4	64.2	.4	55.2	.4	45.4	.4	34.3	.4	22.1
.6	64.0	.6	55.1	.6	45.2	.6	34.1	.6	21.8
.8	63.9	.8	54.9	.8	45.0	.8	33.8	.8	21.6
3.	63.7	13.	54.7	23.	44.8	33.	33.6	43.	21.3
.2	63.5	.2	54.5	.2	44.6	.2	33.4	.2	21.0
.4	63.4	.4	54.3	.4	44.4	.4	33.2	.4	20.8
.6	63.2	.6	54.2	.6	44.1	.6	32.9	.6	20.5
.8	63.1	.8	54.0	.8	43.9	.8	32.7	.8	20.3
4.	62.9	14.	53.8	24.	43.7	34.	32.5	44.	20.0
.2	62.7	.2	53.6	.2	43.5	.2	32.3	.2	19.7
.4	62.5	.4	53.4	.4	43.3	.4	32.0	.4	19.5
.6	62.4	.6	53.2	.6	43.0	.6	31.8	.6	19.2
.8	62.2	.8	53.0	.8	42.8	.8	31.5	.8	19.0
5.	62.0	15.	52.8	25.	42.6	35.	31.3	45.	18.7
.2	61.8	.2	52.6	.2	42.4	.2	31.1	.2	18.4
.4	61.6	.4	52.4	.4	42.2	.4	30.8	.4	18.1
.6	61.5	.6	52.3	.6	42.0	.6	30.6	.6	17.9
.8	61.3	.8	52.1	.8	41.8	.8	30.3	.8	17.6
6.	61.1	16.	51.9	26.	41.6	36.	30.1	46.	17.3
.2	60.9	.2	51.7	.2	41.4	.2	29.8	.2	17.0
.4	60.7	.4	51.5	.4	41.2	.4	29.6	.4	16.7
.6	60.6	.6	51.3	.6	40.9	.6	29.3	.6	16.5
.8	60.4	.8	51.1	.8	40.7	.8	29.1	.8	16.2
7.	60.2	17.	50.9	27.	40.5	37.	28.8	47.	15.9
.2	60.0	.2	50.7	.2	40.3	.2	28.6	.2	15.6
.4	59.8	.4	50.5	.4	40.1	.4	28.3	.4	15.4
.6	59.7	.6	50.3	.6	39.8	.6	28.1	.6	15.1
.8	59.5	.8	50.1	.8	39.6	.8	27.8	.8	14.9
8.	59.3	18.	49.9	28.	39.4	38.	27.6	48.	14.6
.2	59.1	.2	49.7	.2	39.2	.2	27.3	.2	14.3
.4	59.0	.4	49.5	.4	38.9	.4	27.1	.4	14.0
.6	58.8	.6	49.3	.6	38.7	.6	26.8	.6	13.8
.8	58.7	.8	49.1	.8	38.4	.8	26.6	.8	13.5
9.	58.5	19.	48.9	29.	38.2	39.	26.3	49.	13.2
.2	58.3	.2	48.7	.2	38.0	.2	26.1	.2	12.9
.4	58.1	.4	48.5	.4	37.8	.4	25.8	.4	12.6
.6	57.9	.6	48.2	.6	37.5	.6	25.6	.6	12.4
.8	57.7	.8	48.0	.8	37.3	.8	25.3	.8	12.1
10.	57.5	20.	47.8	30.	37.1	40.	25.1	50.	11.8

TEMPERATURE 63°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	11.8	60.	3.0	70.	20·1	80.	41.9	90.	73.5
.2	11.5	.2	3.3	.2	20.5	.2	42.5	.2	74.1
.4	11.2	.4	3.6	.4	20.9	.4	43.0	.4	74.7
.6	11.0	.6	3.9	.6	21.2	.6	43.6	.6	75.4
.8	10.7	.8	4.2	.8	21.6	.8	44.1	8	76.0
51.	10.4	61.	4.5	71.	22.0	81.	44.7	91.	76.6
.2	10.1	.2	4.8	.2	22.4	.2	45.3	.2	77.2
.4	9.8	.4	5.2	.4	22.8	.4	45.8	.4	77.8
.6	9.6	.6	5.5	.6	23.1	.6	46.4	.6	78.5
.8	9.3	.8	5.9	.8	23.5	.8	46.9	.8	79.1
52.	9.0	62.	6.2	72.	23.9	82.	47.5	92.	79.7
.2	8.7	.2	6.5	.2	24.3	.2	48.1	.2	80.3
.4	8.4	.4	6.8	.4	24.7	.4	48.7	.4	80.9
.6	8.1	.6	7.2	.6	25.1	.6	49.2	.6	81.5
.8	7.8	.8	7.5	.8	25.5	.8	49.8	.8	82.1
53.	7.5	63.	7.8	73.	25.9	83.	50.4	93.	82.7
.2	7.2	.2	8.1	.2	26.3	.2	51.0	.2	83.3
.4	6.9	.4	8.5	.4	26.7	.4	51.6	.4	83.9
.6	6.7	.6	8.8	.6	27.1	.6	52.2	.6	84.4
.8	6.4	.8	9.2	.8	27.5	.8	52.8	.8	85.0
54.	6.1	64.	9.5	74.	27.9	84.	53.4	94.	85.6
.2	5.8	.2	9.8	.2	28.3	.2	54.0	.2	86.2
.4	5.5	.4	10.2	.4	28.7	.4	54.7	.4	86.7
.6	5.3	.6	10.5	.6	29.2	.6	55.3	.6	87.3
.8	5.0	.8	10.9	.8	29.6	.8	56.0	.8	87.8
55.	4.7	65.	11.2	75.	30.0	85.	56.6	95.	88.4
.2	4.4	.2	11.5	.2	30.4	.2	57.3	.2	88.9
.4	4.1	.4	11.9	.4	30.9	.4	58.0	.4	89.5
.6	3.8	.6	12.2	.6	31.3	.6	58.6	.6	90.0
.8	3.5	.8	12.6	.8	31.8	.8	59.3	.8	90.6
56.	3.2	66.	12.9	76.	32.2	86.	60.0	96.	91.1
.2	2.9	.2	13.2	.2	32.7	.2	60.7	.2	91.6
.4	2.6	.4	13.6	.4	33.1	.4	61.4	.4	92.1
.6	2.3	.6	13.9	.6	33.6	.6	62.0	.6	92.6
.8	2.0	.8	14.3	.8	34.0	.8	62.7	.8	93.1
57.	1.7	67.	14.6	77.	34.5	87.	63.4	97.	93.6
.2	1.4	.2	15.0	.2	35.0	.2	64.1	.2	94.1
.4	1.1	.4	15.3	.4	35.5	.4	64.7	.4	94.6
.6	.8	.6	15.7	.6	35.9	.6	65.4	.6	95.1
.8	.5	.8	16.0	.8	36.4	.8	66.0	.8	95.6
58.	.2	68.	16.4	78.	36.9	88.	66.7	98.	96.1
.2	.1	.2	16.8	.2	37.4	.2	67.4	.2	96.6
.4	.4	.4	17.1	.4	37.9	.4	68.1	.4	97.1
.6	.8	.6	17.5	.6	38.3	.6	68.7	.6	97.5
.8	1.1	.8	17.8	.8	38.8	.8	69.4	.8	98.0
59.	1.4	69.	18.2	79.	39.3	89.	70.1	99.	98.5
.2	1.7	.2	18.6	.2	39.8	.2	70.8	.2	99.0
.4	2.0	.4	19.0	.4	40.3	.4	71.5	.4	99.4
.6	2.4	.6	19.3	.6	40.9	.6	72.1	.6	99.9
.8	2.7	.8	19.7	.8	41.4	.8	72.8	.8	——
60.	3.0	70.	20.1	80.	41.9	90.	73.5	100.	——

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	66.1	10.	57.3	20.	47.5	30.	36.8	40.	24.8
.2	65.9	.2	57.1	.2	47.3	.2	36.6	.2	24.5
.4	65.7	.4	56.9	.4	47.1	.4	36.4	.4	24.3
.6	65.6	.6	56.8	.6	46.9	.6	36.1	.6	24.0
.8	65.4	.8	56.6	.8	46.7	.8	35.9	.8	23.8
1.	65.2	11.	56.4	21.	46.5	31.	35.7	41.	23.5
.2	65.0	.2	56.2	.2	46.3	.2	35.5	.2	23.2
.4	64.8	.4	56.0	.4	46.1	.4	35.2	.4	23.0
.6	64.7	.6	55.8	.6	45.9	.6	35.0	.6	22.7
.8	64.5	.8	55.6	.8	45.7	.8	34.7	.8	22.5
2.	64.3	12.	55.4	22.	45.5	32.	34.5	42.	22.2
.2	64.1	.2	55.2	.2	45.3	.2	34.3	.2	22.0
.4	64.0	.4	55.0	.4	45.1	.4	34.1	.4	21.7
.6	63.8	.6	54.9	.6	44.9	.6	33.8	.6	21.5
.8	63.7	.8	54.7	.8	44.7	.8	33.6	.8	21.2
3.	63.5	13.	54.5	23.	44.5	33.	33.4	43.	21.0
.2	63.3	.2	54.3	.2	44.3	.2	33.2	.2	20.7
.4	63.2	.4	54.1	.4	44.1	.4	32.9	.4	20.5
.6	63.0	.6	54.0	.6	43.8	.6	32.7	.6	20.2
.8	62.9	.8	53.8	.8	43.6	.8	32.4	.8	20.0
4.	62.7	14.	53.6	24.	43.4	34.	32.2	44.	19.7
.2	62.5	.2	53.4	.2	43.2	.2	32.0	.2	19.4
.4	62.3	.4	53.2	.4	43.0	.4	31.7	.4	19.2
.6	62.2	.6	53.0	.6	42.7	.6	31.5	.6	18.9
.8	62.0	.8	52.8	.8	42.5	.8	31.2	.8	18.7
5.	61.8	15.	52.6	25.	42.3	35.	31.0	45.	18.4
.2	61.6	.2	52.4	.2	42.1	.2	30.7	.2	18.1
.4	61.4	.4	52.2	.4	41.9	.4	30.5	.4	17.8
.6	61.3	.6	52.0	.6	41.6	.6	30.2	.6	17.6
.8	61.1	.8	51.8	.8	41.4	.8	30.0	.8	17.3
6.	60.9	16.	51.6	26.	41.2	36.	29.7	46.	17.0
.2	60.7	.2	51.4	.2	41.0	.2	29.5	.2	16.7
.4	60.5	.4	51.2	.4	40.8	.4	29.2	.4	16.4
.6	60.4	.6	51.0	.6	40.6	.6	29.0	.6	16.2
.8	60.2	.8	50.8	.8	40.4	.8	28.7	.8	15.9
7.	60.0	17.	50.6	27.	40.2	37.	28.5	47.	15.6
.2	59.8	.2	50.4	.2	40.0	.2	28.3	.2	15.3
.4	59.6	.4	50.2	.4	39.7	.4	28.0	.4	15.0
.6	59.5	.6	50.0	.6	39.5	.6	27.8	.6	14.8
.8	59.3	.8	49.8	.8	39.2	.8	27.5	.8	14.5
8.	59.1	18.	49.6	28.	39.0	38.	27.3	48.	14.2
.2	58.9	.2	49.4	.2	38.8	.2	27.0	.2	13 9
.4	58.7	.4	49.2	.4	38.6	.4	26.8	.4	13.6
.6	58.6	.6	49.0	.6	38.3	.6	26.5	.6	13.4
.8	58.4	.8	48.8	.8	38.1	.8	26.3	.8	13.1
9.	58.2	19.	48.6	29.	37.9	39.	26.0	49.	12.8
.2	58.0	.2	48.4	.2	37.7	.2	25.8	.2	12.5
.4	57.8	.4	48.2	.4	37.5	.4	25.5	.4	12.2
.6	57.7	.6	47.9	.6	37.2	.6	25.3	.6	12.0
.8	57.5	.8	47.7	.8	37.0	.8	25.0	.8	11.7
10.	57.3	20.	47.5	30.	36.8	40.	24.8	50.	11.4

TEMPERATURE 64°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	11.4	60.	3.3	70.	20.5	80.	42.4	90.	73.7
.2	11.1	.2	3.6	.2	20.9	.2	42.9	.2	74.3
.4	10.8	.4	3.9	.4	21.3	.4	43.5	.4	74.9
.6	10.6	.6	4.3	.6	21.6	.6	44.0	.6	75.6
.8	10.3	.8	4.6	.8	22.0	.8	44.6	.8	76.2
51.	10.0	61.	4.9	71.	22.4	81.	45.1	91.	76.8
.2	9.7	.2	5.2	.2	22.8	.2	45.7	.2	77.4
.4	9.4	.4	5.5	.4	23.2	.4	46.3	.4	78.0
.6	9.2	.6	5.9	.6	23.5	.6	46.8	.6	78.7
.8	8.9	.8	6.2	.8	23.9	.8	47.4	.8	79.3
52.	8.7	62.	6.5	72.	24.3	82.	48.0	92.	79.9
.2	8.3	.2	6.8	.2	24.7	.2	48.6	.2	80.5
.4	8.0	.4	7.1	.4	25.1	.4	49.2	.4	81.1
.6	7.8	.6	7.5	.6	25.5	.6	49.7	.6	81.7
.8	7.5	.8	7.8	.8	25.9	.8	50.3	.8	82.3
53.	7.2	63.	8.1	73.	26.3	83.	50.9	93.	82.9
.2	6.9	.2	8.4	.2	26.7	.2	51.5	.2	83.5
.4	6.6	.4	8.8	.4	27.1	.4	52.1	.4	84.0
.6	6.3	.6	9.1	.6	27.5	.6	52.6	.6	84.6
.8	6.0	.8	9.5	.8	27.9	.8	53.2	.8	85.1
54.	5.7	64.	9.8	74.	28.3	84.	53.8	94.	85.7
.2	5.4	.2	10.1	.2	28.7	.2	54.4	.2	86.3
.4	5.1	.4	10.5	.4	29.1	.4	55.1	.4	86.8
.6	4.9	.6	10.8	.6	29.6	.6	55.7	.6	87.4
.8	4.6	.8	11.2	.8	30.0	.8	56.4	.8	87.9
55.	4.3	65.	11.5	75.	30.4	85.	57.0	95.	88.5
.2	4.0	.2	11.8	.2	30.8	.2	57.7	.2	89.0
.4	3.7	.4	12.2	.4	31.3	.4	58.3	.4	89.6
.6	3.4	.6	12.5	.6	31.7	.6	59.0	.6	90.1
.8	3.1	.8	12.9	.8	32.2	.8	59.6	.8	90.7
56.	2.8	66.	13.2	76.	32.6	86.	60.3	96.	91.2
.2	2.5	.2	13.5	.2	33.1	.2	61.0	.2	91.7
.4	2.2	.4	13.9	.4	33.5	.4	61.7	.4	92.2
.6	1.9	.6	14.2	.6	34.0	.6	62.3	.6	92.7
.8	1.6	.8	14.6	.8	34.4	.8	63.0	.8	93.2
57.	1.3	67.	14.9	77.	34.9	87.	63.7	97.	93.7
.2	1.0	.2	15.3	.2	35.4	.2	64.4	.2	94.2
.4	.7	.4	15.7	.4	35.9	.4	65.0	.4	94.7
.6	.4	.6	16.0	.6	36.3	.6	65.7	.6	95.2
.8	.1	.8	16.4	.8	36.8	.8	66.3	.8	95.7
58.	.2	68.	16.8	78.	37.3	88.	67.0	98.	96.2
.2	.5	.2	17.2	.2	37.8	.2	67.7	.2	96.7
.4	.8	.4	17.5	.4	38.3	.4	68.3	.4	97.2
.6	1.1	.6	17.9	.6	38.8	.6	69.0	.6	97.6
.8	1.4	.8	18.2	.8	39.3	.8	69.6	.8	98.1
59.	1.7	69.	18.6	79.	39.8	89.	70.3	99.	98.6
.2	2.0	.2	19.0	.2	40.3	.2	71.0	.2	99.1
.4	2.3	.4	19.4	.4	40.8	.4	71.7	.4	99.5
.6	2.7	.6	19.7	.6	41.4	.6	72.3	.6	100.0
.8	3.0	.8	20.1	.8	41.9	.8	73.0	.8	——
60.	3.3	70.	20.5	80.	42.4	90.	73.7	100.	——

TEMPERATURE 65°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.8	10.	57.0	20.	47.3	30.	36.5	40.	24.5
.2	65.6	.2	56.8	.2	47.1	.2	36.3	.2	24.2
.4	65.4	.4	56.6	.4	46.9	.4	36.0	.4	24.0
.6	65.3	.6	56.5	.6	46.7	.6	35.8	.6	23.7
.8	65.1	.8	56.3	.8	46.5	.8	35.5	.8	23.5
1.	64.9	11.	56.1	21.	46.3	31.	35.3	41.	23.2
.2	64.7	.2	55.9	.2	46.1	.2	35.1	.2	22.9
.4	64.6	.4	55.7	.4	45.9	.4	34.9	.4	22.7
.6	64.4	.6	55.5	.6	45.7	.6	34.6	.6	22.4
.8	64.3	.8	55.3	.8	45.5	.8	34.4	.8	22.2
2.	64.1	12.	55.1	22.	45.3	32.	34.2	42.	21.9
.2	63.9	.2	54.9	.2	45.1	.2	34.0	.2	21.6
.4	63.8	.4	54.7	.4	44.9	.4	33.7	.4	21.4
.6	63.6	.6	54.6	.6	44.6	.6	33.5	.6	21.1
.8	63.5	.8	54.4	.8	44.4	.8	33.2	.8	20.9
3.	63.3	13.	54.2	23.	44.2	33.	33.0	43.	20.6
.2	63.1	.2	54.0	.2	44.0	.2	32.8	.2	20.3
.4	62.9	.4	53.8	.4	43.8	.4	32.5	.4	20.1
.6	62.8	.6	53.7	.6	43.5	.6	32.3	.6	19.8
.8	62.6	.8	53.5	.8	43.3	.8	32.0	.8	19.6
4.	62.4	14.	53.3	24.	43.1	34.	31.8	44.	19.3
.2	62.2	.2	53.1	.2	42.9	.2	31.6	.2	19.0
.4	62.0	.4	52.9	.4	42.7	.4	31.3	.4	18.8
.6	61.9	.6	52.7	.6	42.4	.6	31.1	.6	18.5
.8	61.7	.8	52.5	.8	42.2	.8	30.8	.8	18.3
5.	61.5	15.	52.3	25.	42.0	35.	30.6	45.	18.0
.2	61.3	.2	52.1	.2	41.8	.2	30.4	.2	17.7
.4	61.1	.4	51.9	.4	41.6	.4	30.1	.4	17.4
.6	61.0	.6	51.7	.6	41.3	.6	29.9	.6	17.2
.8	60.8	.8	51.5	.8	41.1	.8	29.6	.8	16.9
6.	60.6	16.	51.3	26.	40.9	36.	29.4	46.	16.6
.2	60.4	.2	51.1	.2	40.7	.2	29.2	.2	16.3
.4	60.2	.4	50.9	.4	40.5	.4	28.9	.4	16.1
.6	60.1	.6	50.7	.6	40.3	.6	28.7	.6	15.8
.8	59.9	.8	50.5	.8	40.1	.8	28.4	.8	15.6
7.	59.7	17.	50.3	27.	39.9	37.	28.2	47.	15.3
.2	59.5	.2	50.1	.2	39.7	.2	28.0	.2	15.0
.4	59.3	.4	49.9	.4	39.4	.4	27.7	.4	14.7
.6	59.2	.6	49.7	.6	39.2	.6	27.5	.6	14.5
.8	59.0	.8	49.5	.8	38.9	.8	27.2	.8	14.2
8.	58.8	18.	49.3	28.	38.7	38.	27.0	48.	13.9
.2	58.6	.2	49.1	.2	38.5	.2	26.7	.2	13.6
.4	58.4	.4	48.9	.4	38.3	.4	26.5	.4	13.3
.6	58.3	.6	48.7	.6	38.0	.6	26.2	.6	13.1
.8	58.1	.8	48.5	.8	37.8	.8	26.0	.8	12.8
9.	57.9	19.	48.3	29.	37.6	39.	25.7	49.	12.5
.2	57.7	.2	48.1	.2	37.4	.2	25.5	.2	12.2
.4	57.5	.4	47.9	.4	37.2	.4	25.2	.4	11.9
.6	57.4	.6	47.7	.6	36.9	.6	25.0	.6	11.7
.8	57.2	.8	47.5	.8	36.7	.8	24.7	.8	11.4
10.	57.0	20.	47.3	30.	36.5	40.	24.5	50.	11.1

TEMPERATURE 65°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	11.1	60.	3.6	70.	20.9	80.	42.8	90.	73.9
.2	10.8	.2	3.9	.2	21.3	.2	43.4	.2	74.5
.4	10.5	.4	4.3	.4	21.7	.4	43.9	.4	75.1
.6	10.3	.6	4.6	.6	22.0	.6	44.5	.6	75.8
.8	10.0	.8	5.0	.8	22.4	.8	45.0	.8	76.4
51.	9.7	61.	5.3	71.	22.8	81.	45.6	91.	77.0
.2	9.4	.2	5.6	.2	23.2	.2	46.2	.2	77.6
.4	9.1	.4	5.9	.4	23.6	.4	46.7	.4	78.2
.6	8.9	.6	6.3	.6	23.9	.6	47.3	.6	78.8
.8	8.6	.8	6.6	.8	24.3	.8	47.8	.8	79.4
52.	8.3	62.	6.9	72.	24.7	82.	48.4	92.	80.0
.2	8.0	.2	7.2	.2	25.1	.2	49.0	.2	80.6
.4	7.7	.4	7.5	.4	25.5	.4	49.6	.4	81.2
.6	7.5	.6	7.9	.6	25.9	.6	50.1	.6	81.8
.8	7.2	.8	8.2	.8	26.3	.8	50.7	.8	82.4
53.	6.9	63.	8.5	73.	26.7	83.	51.3	93.	83.0
.2	6.6	.2	8.8	.2	27.1	.2	51.9	.2	83.6
.4	6.3	.4	9.2	.4	27.5	.4	52.5	.4	84.2
.6	6.0	.6	9.5	.6	27.9	.6	53.0	.6	84.7
.8	5.7	.8	9.9	.8	28.3	.8	53.6	.8	85.3
54.	5.4	64.	10.2	74.	28.7	84.	54.2	94.	85.9
.2	5.1	.2	10.5	.2	29.1	.2	54.8	.2	86.4
.4	4.8	.4	10.9	.4	29.5	.4	55.5	.4	87.0
.6	4.5	.6	11.2	.6	30.0	.6	56.1	.6	87.5
.8	4.2	.8	11.6	.8	30.4	.8	56.8	.8	88.1
55.	3.9	65.	11.9	75.	30.8	85.	57.4	95.	88.6
.2	3.6	.2	12.2	.2	31.2	.2	58.0	.2	89.1
.4	3.3	.4	12.6	.4	31.7	.4	58.7	.4	89.7
.6	3.1	.6	12.9	.6	32.1	.6	59.3	.6	90.2
.8	2.8	.8	13.3	.8	32.6	.8	60.0	.8	90.8
56.	2.5	66.	13.6	76.	33.0	86.	60.6	96.	91.3
.2	2.2	.2	13.9	.2	33.5	.2	61.3	.2	91.8
.4	1.9	.4	14.3	.4	34.0	.4	62.0	.4	92.3
.6	1.6	.6	14.6	.6	34.4	.6	62.6	.6	92.8
.8	1.3	.8	15.0	.8	34.9	.8	63.3	.8	93.3
57.	1.0	67.	15.3	77.	35.4	87.	64.0	97.	93.8
.2	.7	.2	15.7	.2	35.9	.2	64.7	.2	94.3
.4	.4	.4	16.1	.4	36.4	.4	65.3	.4	94.8
.6		.6	16.4	.6	36.8	.6	66.0	.6	95.3
.8	.3	.8	16.8	.8	37.3	.8	66.6	.8	95.8
58.	.6	68.	17.2	78.	37.8	88.	67.3	98.	96.3
.2	.9	.2	17.6	.2	38.3	.2	68.0	.2	96.8
.4	1.2	.4	17.9	.4	38.8	.4	68.6	.4	97.3
.6	1.5	.6	18.3	.6	39.2	.6	69.3	.6	97.7
.8	1.8	.8	18.6	.8	39.7	.8	69.9	.8	98.2
59.	2.1	69.	19.0	79.	40.2	89.	70.6	99.	98.7
.2	2.4	.2	19.4	.2	40.7	.2	71.3	.2	99.1
.4	2.7	.4	19.8	.4	41.2	.4	71.9	.4	99.6
.6	3.0	.6	20.1	.6	41.8	.6	72.6	.6	100.0
.8	3.3	.8	20.5	.8	42.3	.8	73.2	.8	——
60.	3.6	70.	20.9	80.	42.8	90.	73.9	100.	——

TEMPERATURE 66°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.5	10.	56.7	20.	47.0	30.	36.2	40.	24.1
.2	65.3	.2	56.5	.2	46.8	.2	36.0	.2	23.8
.4	65.2	.4	56.3	.4	46.6	.4	35.7	.4	23.6
.6	65.0	.6	56.2	.6	46.4	.6	35.5	.6	23.3
.8	64.9	.8	56.0	.8	46.2	.8	35.2	.8	23.1
1.	64.7	11.	55.8	21.	46.0	31.	35.0	41.	22.8
.2	64.5	.2	55.6	.2	45.8	.2	34.8	.2	22.5
.4	64.3	.4	55.4	.4	45.6	.4	34.6	.4	22.3
.6	64.2	.6	55.3	.6	45.3	.6	34.3	.6	22.0
.8	64.0	.8	55.1	.8	45.1	.8	34.1	.8	21.8
2.	63.8	12.	54.9	22.	44.9	32.	33.9	42.	21.5
.2	63.6	.2	54.7	.2	44.7	.2	33.7	.2	21.2
.4	63.5	.4	54.5	.4	44.5	.4	33.4	.4	21.0
.6	63.3	.6	54.3	.6	44.3	.6	33.2	.6	20.7
.8	63.2	.8	54.1	.8	44.1	.8	32.9	.8	20.5
3.	63.0	13.	53.9	23.	43.9	33.	32.7	43.	20.2
.2	62.8	.2	53.7	.2	43.7	.2	32.5	.2	19.9
.4	62.6	.4	53.5	.4	43.5	.4	32.2	.4	19.7
.6	62.5	.6	53.4	.6	43.2	.6	32.0	.6	19.4
.8	62.3	.8	53.2	.8	43.0	.8	31.7	.8	19.2
4.	62.1	14.	53.0	24.	42.8	34.	31.5	44.	18.9
.2	61.9	.2	52.8	.2	42.6	.2	31.3	.2	18.6
.4	61.7	.4	52.6	.4	42.4	.4	31.0	.4	18.4
.6	61.6	.6	52.4	.6	42.2	.6	30.8	.6	18.1
.8	61.4	.8	52.2	.8	42.0	.8	30.5	.8	17.9
5.	61.2	15.	52.0	25.	41.8	35.	30.3	45.	17.6
.2	61.0	.2	51.8	.2	41.6	.2	30.1	.2	17.3
.4	60.9	.4	51.6	.4	41.4	.4	29.8	.4	17.1
.6	60.7	.6	51.4	.6	41.1	.6	29.6	.6	16.8
.8	60.6	.8	51.2	.8	40.9	.8	29.3	.8	16.6
6.	60.4	16.	51.0	26.	40.7	36.	29.1	46.	16.3
.2	60.2	.2	50.8	.2	40.5	.2	28.9	.2	16.0
.4	60.0	.4	50.6	.4	40.3	.4	28.6	.4	15.7
.6	59.9	.6	50.5	.6	40.0	.6	28.4	.6	15.5
.8	59.7	.8	50.3	.8	39.8	.8	28.1	.8	15.2
7.	59.5	17.	50.1	27.	39.6	37.	27.9	47.	14.9
.2	59.3	.2	49.9	.2	39.4	.2	27.6	.2	14.6
.4	59.1	.4	49.7	.4	39.1	.4	27.4	.4	14.3
.6	59.0	.6	49.5	.6	38.9	.6	27.1	.6	14.1
.8	58.8	.8	49.3	.8	38.6	.8	26.9	.8	13.8
8.	58.6	18.	49.1	28.	38.4	38.	26.6	48.	13.5
.2	58.4	.2	48.9	.2	38.2	.2	26.4	.2	13.2
.4	58.2	.4	48.7	.4	38.0	.4	26.1	.4	13.0
.6	58.0	.6	48.4	.6	37.7	.6	25.9	.6	12.7
.8	57.8	.8	48.2	.8	37.5	.8	25.6	.8	12.5
9.	57.6	19.	48.0	29.	37.3	39.	25.4	49.	12.2
.2	57.4	.2	47.8	.2	37.1	.2	25.1	.2	11.9
.4	57.2	.4	47.6	.4	36.9	.4	24.9	.4	11.6
.6	57.1	.6	47.4	.6	36.6	.6	24.6	.6	11.4
.8	56.9	.8	47.2	.8	36.4	.8	24.4	.8	11.1
10.	56.7	20.	47.0	30.	36.2	40.	24.1	50.	10.8

TEMPERATURE 66°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10.8	60.	4.0	70.	21.3	80.	43.3	90.	74.1
.2	10.5	.2	4.3	.2	21.7	.2	43.9	.2	74.7
.4	10.2	.4	4.7	.4	22.1	.4	44.4	.4	75.3
.6	9.9	.6	5.0	.6	22.4	.6	45.0	.6	76.0
.8	9.6	.8	5.4	.8	22.8	.8	45.5	.8	76.6
51.	9.3	61.	5.7	71.	23.2	81.	46.1	91.	77.2
.2	9.0	.2	6.0	.2	23.6	.2	46.7	.2	77.8
.4	8.7	.4	6.3	.4	24.0	.4	47.2	.4	78.4
.6	8.5	.6	6.6	.6	24.3	.6	47.8	.6	79.0
.8	8.2	.8	6.9	.8	24.7	.8	48.3	.8	79.6
52.	7.9	62.	7.2	72.	25.1	82.	48.9	92.	80.2
.2	7.6	.2	7.5	.2	25.5	.2	49.5	.2	80.8
.4	7.3	.4	7.9	.4	25.9	.4	50.0	.4	81.4
.6	7.1	.6	8.2	.6	26.3	.6	50.6	.6	82.0
.8	6.8	.8	8.6	.8	26.7	.8	51.1	.8	82.6
53.	6.5	63.	8.9	73.	27.1	83.	51.7	93.	83.2
.2	6.2	.2	9.2	.2	27.5	.2	52.3	.2	83.8
.4	5.9	.4	9.6	.4	27.9	.4	52.9	.4	84.3
.6	5.7	.6	9.9	.6	28.4	.6	53.4	.6	84.9
.8	5.4	.8	10.3	.8	28.8	.8	54.0	.8	85.4
54.	5.1	64.	10.6	74.	29.2	84.	54.6	94.	86.0
.2	4.8	.2	10.9	.2	29.6	.2	55.2	.2	86.6
.4	4.5	.4	11.3	.4	30.0	.4	55.8	.4	87.1
.6	4.2	.6	11.6	.6	30.5	.6	56.5	.6	87.7
.8	3.9	.8	12.0	.8	30.9	.8	57.1	.8	88.2
55.	3.6	65.	12.3	75.	31.3	85.	57.7	95.	88.8
.2	3.3	.2	12.6	.2	31.7	.2	58.3	.2	89.3
.4	3.0	.4	13.0	.4	32.2	.4	59.0	.4	89.8
.6	2.7	.6	13.3	.6	32.6	.6	59.6	.6	90.4
.8	2.4	.8	13.7	.8	33.1	.8	60.3	.8	90.9
56.	2.1	66.	14.0	76.	33.5	86.	60.9	96.	91.4
.2	1.8	.2	14.3	.2	34.0	.2	61.6	.2	91.9
.4	1.5	.4	14.7	.4	34.4	.4	62.3	.4	92.4
.6	1.2	.6	15.0	.6	34.9	.6	62.9	.6	93.0
.8	.9	.8	15.4	.8	35.3	.8	63.6	.8	93.5
57.	.6	67.	15.7	77.	35.8	87.	64.3	97.	94.0
.2	.3	.2	16.1	.2	36.3	.2	64.9	.2	94.5
.4		.4	16.5	.4	36.8	.4	65.6	.4	95.0
.6	.4	.6	16.8	.6	37.2	.6	66.2	.6	95.4
.8	.7	.8	17.2	.8	37.7	.8	66.9	.8	95.9
58.	1.0	68.	17.6	78.	38.2	88.	67.5	98.	96.4
.2	1.3	.2	18.0	.2	38.7	.2	68.2	.2	96.9
.4	1.6	.4	18.3	.4	39.2	.4	68.8	.4	97.4
.6	1.9	.6	18.7	.6	39.7	.6	69.5	.6	97.8
.8	2.2	.8	19.0	.8	40.2	.8	70.1	.8	98.3
59.	2.5	69.	19.4	79.	40.7	89.	70.8	99.	98.8
.2	2.8	.2	19.8	.2	41.2	.2	71.5	.2	99.2
.4	3.1	.4	20.2	.4	41.7	.4	72.1	.4	99.7
.6	3.4	.6	20.5	.6	42.3	.6	72.8	.6	——
.8	3.7	.8	20.9	.8	42.8	.8	73.4	.8	——
60.	4.0	70.	21.3	80.	43.3	90.	74.1	100.	——

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Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.3	10.	56.4	20.	46.7	30.	35.9	40.	23.8
.2	65.1	.2	56.2	.2	46.5	.2	35.7	.2	23.5
.4	65.0	.4	56.0	.4	46.3	.4	35.4	.4	23.3
.6	64.8	.6	55.9	.6	46.1	.6	35.2	.6	23.0
.8	64.7	.8	55.7	.8	45.9	.8	34.9	.8	22.8
1.	64.5	11.	55.5	21.	45.7	31.	34.7	41.	22.5
.2	64.3	.2	55.3	.2	45.5	.2	34.5	.2	22.2
.4	64.1	.4	55.1	.4	45.3	.4	34.3	.4	22.0
.6	64.0	.6	55.0	.6	45.0	.6	34.0	.6	21.7
.8	63.8	.8	54.8	.8	44.8	.8	33.8	.8	21.5
2.	63.6	12.	54.6	22.	44.6	32.	33.6	42.	21.2
.2	63.4	.2	54.4	.2	44.4	.2	33.4	.2	20.9
.4	63.2	.4	54.2	.4	44.2	.4	33.1	.4	20.7
.6	63.1	.6	54.1	.6	44.0	.6	32.9	.6	20.4
.8	62.9	.8	53.9	.8	43.8	.8	32.6	.8	20.2
3.	62.7	13.	53.7	23.	43.6	33.	32.4	43.	19.9
.2	62.5	.2	53.5	.2	43.4	.2	32.2	.2	19.6
.4	62.3	.4	53.3	.4	43.2	.4	31.9	.4	19.4
.6	62.2	.6	53.2	.6	42.9	.6	31.7	.6	19.1
.8	62.0	.8	53.0	.8	42.7	.8	31.4	.8	18.9
4.	61.8	14.	52.8	24.	42.5	34.	31.2	44.	18.6
.2	61.6	.2	52.6	.2	42.3	.2	31.0	.2	18.3
.4	61.5	.4	52.4	.4	42.1	.4	30.7	.4	18.1
.6	61.3	.6	52.2	.6	41.9	.6	30.5	.6	17.8
.8	61.2	.8	52.0	.8	41.7	.8	30.2	.8	17.6
5.	61.0	15.	51.8	25.	41.5	35.	30.0	45.	17.3
.2	60.8	.2	51.6	.2	41.3	.2	29.8	.2	17.0
.4	60.6	.4	51.4	.4	41.1	.4	29.5	.4	16.8
.6	60.5	.6	51.2	.6	40.8	.6	29.3	.6	16.5
.8	60.3	.8	51.0	.8	40.6	.8	29.0	.8	16.3
6.	60.1	16.	50.8	26.	40.4	36.	28.8	46.	16.0
.2	59.9	.2	50.6	.2	40.2	.2	28.6	.2	15.7
.4	59.7	.4	50.4	.4	40.0	.4	28.3	.4	15.4
.6	59.6	.6	50.2	.6	39.7	.6	28.1	.6	15.2
.8	59.4	.8	50.0	.8	39.5	.8	27.8	.8	14.9
7.	59.2	17.	49.8	27.	39.3	37.	27.6	47.	14.6
.2	59.0	.2	49.6	.2	39.1	.2	27.3	.2	14.3
.4	58.8	.4	49.4	.4	38.8	.4	27.1	.4	14.0
.6	58.7	.6	49.2	.6	38.6	.6	26.8	.6	13.8
.8	58.5	.8	49.0	.8	38.3	.8	26.6	.8	13.5
8.	58.3	18.	48.8	28.	38.1	38.	26.3	48.	13.2
.2	58.1	.2	48.6	.2	37.9	.2	26.1	.2	12.9
.4	57.9	.4	48.4	.4	37.7	.4	25.8	.4	12.6
.6	57.8	.6	48.1	.6	37.4	.6	25.6	.6	12.4
.8	57.6	.8	47.9	.8	37.2	.8	25.3	.8	12.1
9.	57.4	19.	47.7	29.	37.0	39.	25.1	49.	11.8
.2	57.2	.2	47.5	.2	36.8	.2	24.8	.2	11.5
.4	57.0	.4	47.3	.4	36.6	.4	24.6	.4	11.2
.6	56.8	.6	47.1	.6	36.3	.6	24.3	.6	11.0
.8	56.6	.8	46.9	.8	36.1	.8	24.1	.8	10.7
10.	56.4	20.	46.7	30.	35.9	40.	23.8	50.	10.4

TEMPERATURE 67°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10.4	60.	4.4	70.	21.7	80.	43.7	90.	74.3
.2	10.1	.2	4.7	.2	22.1	.2	44.3	.2	74.9
.4	9.8	.4	5.0	.4	22.5	.4	44.8	.4	75.5
.6	9.6	.6	5.4	.6	22.8	.6	45.4	.6	76.2
.8	9.3	.8	5.7	.8	23.2	.8	45.9	.8	76.8
51.	9.0	61.	6.0	71.	23.6	81.	46.5	91.	77.4
.2	8.7	.2	6.3	.2	24.0	.2	47.1	.2	78.0
.4	8.4	.4	6.6	.4	24.4	.4	47.7	.4	78.6
.6	8.2	.6	7.0	.6	24.7	.6	48.2	.6	79.2
.8	7.9	.8	7.3	.8	25.1	.8	48.8	.8	79.8
52.	7.6	62.	7.6	72.	25.5	82.	49.4	92.	80.4
.2	7.3	.2	7.9	.2	25.9	.2	49.9	.2	81.0
.4	7.0	.4	8.3	.4	26.3	.4	50.5	.4	81.6
.6	6.8	.6	8.6	.6	26.7	.6	51.0	.6	82.1
.8	6.5	.8	9.0	.8	27.1	.8	51.6	.8	82.7
53.	6.2	63.	9.3	73.	27.5	83.	52.1	93.	83.3
.2	5.9	.2	9.6	.2	27.9	.2	52.7	.2	83.9
.4	5.6	.4	10.0	.4	28.3	.4	53.3	.4	84.5
.6	5.3	.6	10.3	.6	28.8	.6	53.8	.6	85.0
.8	5.0	.8	10.7	.8	29.2	.8	54.4	.8	85.6
54.	4.7	64.	11.0	74.	29.6	84.	55.0	94.	86.2
.2	4.4	.2	11.3	.2	30.0	.2	55.6	.2	86.7
.4	4.1	.4	11.7	.4	30.4	.4	56.2	.4	87.3
.6	3.9	.6	12.0	.6	30.9	.6	56.9	.6	87.8
.8	3.6	.8	12.4	.8	31.3	.8	57.5	.8	88.4
55.	3.3	65.	12.7	75.	31.7	85.	58.1	95.	88.9
.2	3.0	.2	13.0	.2	32.1	.2	58.7	.2	89.4
.4	2.7	.4	13.4	.4	32.6	.4	59.3	.4	89.9
.6	2.4	.6	13.7	.6	33.0	.6	60.0	.6	90.5
.8	2.1	.8	14.1	.8	33.5	.8	60.6	.8	91.0
56.	1.8	66.	14.4	76.	33.9	86.	61.2	96.	91.5
.2	1.5	.2	14.7	.2	34.4	.2	61.9	.2	92.0
.4	1.2	.4	15.1	.4	34.9	.4	62.6	.4	92.5
.6	.9	.6	15.4	.6	35.3	.6	63.2	.6	93.1
.8	.6	.8	15.8	.8	35.8	.8	63.9	.8	93.6
57.	.3	67.	16.1	77.	36.3	87.	64.6	97.	94.1
.2	——	.2	16.5	.2	36.8	.2	65.2	.2	94.6
.4	.3	.4	16.9	.4	37.2	.4	65.9	.4	95.1
.6	.7	.6	17.2	.6	37.7	.6	66.5	.6	95.5
.8	1.0	.8	17.6	.8	38.1	.8	67.2	.8	96.0
58.	1.3	68.	18.0	78.	38.6	88.	67.8	98.	96.5
.2	1.6	.2	18.4	.2	39.1	.2	68.4	.2	97.0
.4	1.9	.4	18.7	.4	39.6	.4	69.1	.4	97.5
.6	2.3	.6	19.1	.6	40.1	.6	69.7	.6	97.9
.8	2.6	.8	19.4	.8	40.6	.8	70.4	.8	98.4
59.	2.9	69.	19.8	79.	41.1	89.	71.0	99.	98.9
.2	3.2	.2	20.2	.2	41.6	.2	71.7	.2	99.3
.4	3.5	.4	20.6	.4	42.1	.4	72.3	.4	99.8
6	3.8	.6	20.9	.6	42.7	.6	73.0	.6	——
.8	4.1	.8	21.3	.8	43.2	.8	73.6	.8	——
60.	4.4	70.	21.7	80.	43.7	90.	74.3	100.	——

TEMPERATURE 68°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	65.1	10.	56.2	20.	46.5	30.	35.6	40.	23.5
.2	64.9	.2	56.0	.2	46.3	.2	35.4	.2	23.2
.4	64.7	.4	55.8	.4	46.1	.4	35.1	.4	23.0
.6	64.6	.6	55.7	.6	45.8	.6	34.9	.6	22.7
.8	64.4	.8	55.5	.8	45.6	.8	34.6	.8	22.5
1.	64.2	11.	55.3	21.	45.5	31.	34.4	41.	22.2
.2	64.0	.2	55.1	.2	45.2	.2	34.2	.2	21.9
.4	63.9	.4	54.9	.4	45.0	.4	34.0	.4	21.7
.6	63.7	.6	54.8	.6	44.8	.6	33.7	.6	21.4
.8	63.6	.8	54.6	.8	44.6	.8	33.5	.8	21.2
2.	63.4	12.	54.4	22.	44.4	32.	33.3	42.	20.9
.2	63.2	.2	54.2	.2	44.2	.2	33.1	.2	20.6
.4	63.0	.4	54.0	.4	44.0	.4	32.8	.4	20.4
.6	62.9	.6	53.8	.6	43.7	.6	32.6	.6	20.1
.8	62.7	.8	53.6	.8	43.5	.8	32.3	.8	19.9
3.	62.5	13.	53.4	23.	43.3	33.	32.1	43.	19.6
.2	62.3	.2	53.2	.2	43.1	.2	31.9	.2	19.3
.4	62.1	.4	53.0	.4	42.9	.4	31.6	.4	19.1
.6	62.0	.6	52.9	.6	42.6	.6	31.4	.6	18.8
.8	61.8	.8	52.7	.8	42.4	.8	31.1	.8	18.6
4.	61.6	14.	52.5	24.	42.2	34.	30.9	44.	18.3
.2	61.4	.2	52.3	.2	42.0	.2	30.7	.2	18.0
.4	61.3	.4	52.1	.4	41.8	.4	30.4	.4	17.7
.6	61.1	.6	51.9	.6	41.5	.6	30.2	.6	17.5
.8	61.0	.8	51.7	.8	41.3	.8	29.9	.8	17.2
5.	60.8	15.	51.5	25.	41.1	35.	29.7	45.	16.9
.2	60.6	.2	51.3	.2	40.9	.2	29.5	.2	16.6
.4	60.4	.4	51.1	.4	40.7	.4	29.2	.4	16.4
.6	60.3	.6	50.9	.6	40.5	.6	29.0	.6	16.1
.8	60.1	.8	50.7	.8	40.3	.8	28.7	.8	15.9
6.	59.9	16.	50.5	26.	40.1	36.	28.5	46.	15.6
.2	59.7	.2	50.3	.2	39.9	.2	28.3	.2	15.3
.4	59.5	.4	50.1	.4	39.7	.4	28.0	.4	15.0
.6	59.4	.6	49.9	.6	39.4	.6	27.8	.6	14.8
.8	59.2	.8	49.7	.8	39.2	.8	27.5	.8	14.5
7.	59.0	17.	49.5	27.	39.0	37.	27.3	47.	14.2
.2	58.8	.2	49.3	.2	38.8	.2	27.0	.2	13.9
.4	58.6	.4	49.1	.4	38.5	.4	26.8	.4	13.6
.6	58.5	.6	48.9	.6	38.3	.6	26.5	.6	13.4
.8	58.3	.8	48.7	.8	38.0	.8	26.3	.8	13.1
8.	58.1	18.	48.5	28.	37.8	38.	26.0	48.	12.8
.2	57.9	.2	48.3	.2	37.6	.2	25.8	.2	12.5
.4	57.7	.4	48.1	.4	37.4	.4	25.5	.4	12.3
.6	57.5	.6	47.9	.6	37.1	.6	25.3	.6	12.0
.8	57.3	.8	47.7	.8	36.9	.8	25.0	.8	11.8
9.	57.1	19.	47.5	29.	36.7	39.	24.8	49.	11.5
.2	56.9	.2	47.3	.2	36.5	.2	24.5	.2	11.2
.4	56.7	.4	47.1	.4	36.3	.4	24.3	.4	10.9
.6	56.6	.6	46.9	.6	36.0	.6	24.0	.6	10.7
.8	56.4	.8	46.7	.8	35.8	.8	23.8	.8	10.4
10.	56.2	20.	46.5	30.	35.6	40.	23.5	50.	10.1

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	10.1	60.	4.8	70.	22.1	80.	44.3	90.	74.5
.2	9.8	.2	5.1	.2	22.5	.2	44.8	.2	75.1
.4	9.5	.4	5.4	.4	22.9	.4	45.4	.4	75.7
.6	9.3	.6	5.8	.6	23.2	.6	45.9	.6	76.4
.8	9.0	.8	6.1	.8	23.6	.8	46.5	.8	77.0
51.	8.7	61.	6.4	71.	24.0	81.	47.0	91.	77.6
.2	8.4	.2	6.7	.2	24.4	.2	47.6	.2	78.2
.4	8.1	.4	7.0	.4	24.8	.4	48.1	.4	78.8
.6	7.9	.6	7.4	.6	25.1	.6	48.7	.6	79.4
.8	7.6	.8	7.7	.8	25.5	.8	49.2	8	80.0
52.	7.3	62.	8.0	72.	25.9	82.	49.8	92.	80.6
.2	7.0	.2	8.3	.2	26.3	.2	50.4	.2	81.2
.4	6.7	.4	8.7	.4	26.7	.4	50.9	.4	81.8
.6	6.4	.6	9.0	.6	27.1	.6	51.5	.6	82.3
.8	6.1	.8	9.4	.8	27.5	.8	52.0	.8	82.9
53.	5.8	63.	9.7	73.	27.9	83.	52.6	93.	83.5
.2	5.5	.2	10.0	.2	28.3	.2	53.2	.2	84.1
.4	5.2	.4	10.4	.4	28.7	.4	53.7	.4	84.6
.6	5.0	.6	10.7	.6	29.2	.6	54.3	.6	85.2
.8	4.7	.8	11.1	.8	29.6	.8	54.8	.8	85.7
54.	4.4	64.	11.4	74.	30.0	84.	55.4	94.	86.3
.2	4.1	.2	11.7	.2	30.4	.2	56.0	.2	86.8
.4	3.8	.4	12.1	.4	30.8	.4	56.6	.4	87.4
.6	3.5	.6	12.4	.6	31.3	.6	57.2	.6	87.9
.8	3.2	.8	12.8	.8	31.7	.8	57.8	.8	88.5
55.	2.9	65.	13.1	75.	32.1	85.	58.4	95.	89.0
.2	2.6	.2	13.4	.2	32.5	.2	59.0	.2	89.5
.4	2.3	.4	13.8	.4	33.0	.4	59.7	.4	90.1
.6	2.0	.6	14.1	.6	33.4	.6	60.3	.6	90.6
.8	1.7	.8	14.5	.8	33.9	.8	61.0	.8	91.2
56.	1.4	66.	14.8	76.	34.3	86.	61.6	96.	91.7
.2	1.1	.2	15.1	.2	34.8	.2	62.2	.2	92.2
.4	.8	.4	15.5	.4	35.3	.4	62.9	.4	92.7
.6	.5	.6	15.8	.6	35.7	.6	63.5	.6	93.2
.8	.2	.8	16.2	.8	36.2	.8	64.2	.8	93.7
57.	.1	67.	16.5	77.	36.7	87.	64.8	97.	94.2
.2	.4	.2	16.9	.2	37.2	.2	65.5	.2	94.7
.4	.7	.4	17.3	.4	37.7	.4	66.1	.4	95.2
.6	1.0	.6	17.6	.6	38.1	.6	66.8	.6	95.6
.8	1.3	.8	18.0	.8	38.6	.8	67.4	.8	96.1
58.	1.6	68.	18.4	78.	39.1	88.	68.1	98.	96.6
.2	1.9	.2	18.8	.2	39.6	.2	68.7	.2	97.1
.4	2.2	.4	19.1	.4	40.1	.4	69.4	.4	97.6
.6	2.6	.6	19.5	.6	40.6	.6	70.0	.6	98.0
.8	2.9	.8	19.8	.8	41.1	.8	70.7	.8	98.5
59.	3.2	69.	20.2	79.	41.6	89.	71.3	99.	99.0
.2	3.5	.2	20.6	.2	42.1	.2	71.9	.2	99.4
.4	3.8	.4	21.0	.4	42.7	.4	72.6	.4	99.9
.6	4.2	.6	21.3	.6	43.2	.6	73.2	.6	———
.8	4.5	.8	21.7	.8	43.8	.8	73.9	.8	———
60.	4.8	70.	22.1	80.	44.3	90.	74.5	100.	———

TEMPERATURE 69°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.8	10.	55.9	20.	46.2	30.	35.3	40.	23.1
.2	64.6	.2	55.7	.2	46.0	.2	35.1	.2	22.8
.4	64.4	.4	55.5	.4	45.8	.4	34.8	.4	22.6
.6	64.3	.6	55.4	.6	45.5	.6	34.6	.6	22.3
.8	64.1	.8	55.2	.8	45.3	.8	34.3	.8	22.1
1.	63.9	11.	55.0	21.	45.1	31.	34.1	41.	21.8
.2	63.7	.2	54.8	.2	44.9	.2	33.9	.2	21.6
.4	63.6	.4	54.6	.4	44.7	.4	33.7	.4	21.3
.6	63.4	.6	54.5	.6	44.5	.6	33.4	.6	21.1
.8	63.3	.8	54.3	.8	44.3	.8	33.2	.8	20.8
2.	63.1	12.	54.1	22.	44.1	32.	33.0	42.	20.6
.2	62.9	.2	53.9	.2	43.9	.2	32.8	.2	20.3
.4	62.7	.4	53.7	.4	43.7	.4	32.5	.4	20.1
.6	62.6	.6	53.5	.6	43.4	.6	32.3	.6	19.8
.8	62.4	.8	53.3	.8	43.2	.8	32.0	.8	19.6
3.	62.2	13.	53.1	23.	43.0	33.	31.8	43.	19.3
.2	62.0	.2	52.9	.2	42.8	.2	31.6	.2	19.0
.4	61.9	.4	52.7	.4	42.6	.4	31.3	.4	18.8
.6	61.7	.6	52.6	.6	42.3	.6	31.1	.6	18.5
.8	61.6	.8	52.4	.8	42.1	.8	30.8	.8	18.3
4.	61.4	14.	52.2	24.	41.9	34.	30.6	44.	18.0
.2	61.2	.2	52.0	.2	41.7	.2	30.4	.2	17.7
.4	61.0	.4	51.8	.4	41.5	.4	30.1	.4	17.4
.6	60.9	.6	51.6	.6	41.3	.6	29.9	.6	17.2
.8	60.7	.8	51.4	.8	41.1	.8	29.6	.8	16.9
5.	60.5	15.	51.2	25.	40.9	35.	29.4	45.	16.6
.2	60.3	.2	51.0	.2	40.7	.2	29.2	.2	16.3
.4	60.1	.4	50.8	.4	40.5	.4	28.9	.4	16.1
.6	60.0	.6	50.6	.6	40.2	.6	28.7	.6	15.8
.8	59.8	.8	50.4	.8	40.0	.8	28.4	.8	15.6
6.	59.6	16.	50.2	26.	39.8	36.	28.2	46.	15.3
.2	59.4	.2	50.0	.2	39.6	.2	27.9	.2	15.0
.4	59.2	.4	49.8	.4	39.3	.4	27.7	.4	14.7
.6	59.1	.6	49.6	.6	39.1	.6	27.4	.6	14.5
.8	58.9	.8	49.4	.8	38.8	.8	27.2	.8	14.2
7.	58.7	17.	49.2	27.	38.6	37.	26.9	47.	13.9
.2	58.5	.2	49.0	.2	38.4	.2	26.7	.2	13.6
.4	58.3	.4	48.8	.4	38.2	.4	26.4	.4	13.3
.6	58.2	.6	48.6	.6	37.9	.6	26.2	.6	13.1
.8	58.0	.8	48.4	.8	37.7	.8	25.9	.8	12.8
8.	57.8	18.	48.2	28.	37.5	38.	25.7	48.	12.5
.2	57.6	.2	48.0	.2	37.3	.2	25.4	.2	12.2
.4	57.4	.4	47.8	.4	37.1	.4	25.2	.4	11.9
.6	57.3	.6	47.6	.6	36.8	.6	24.9	.6	11.7
.8	57.1	.8	47.4	.8	36.6	.8	24.7	.8	11.4
9.	56.9	19.	47.2	29.	36.4	39.	24.4	49.	11.1
.2	56.7	.2	47.0	.2	36.2	.2	24.1	.2	10.8
.4	56.5	.4	46.8	.4	36.0	.4	23.9	.4	10.5
.6	56.3	.6	46.6	.6	35.7	.6	23.6	.6	10.3
.8	56.1	.8	46.4	.8	35.5	.8	23.4	.8	10.0
10.	55.9	20.	46.2	30.	35.3	40.	23.1	50.	9.7

TEMPERATURE 69°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	9.7	60.	5.2	70.	22.5	80.	44.8	90.	74.7
.2	9.4	.2	5.5	.2	22.9	.2	45.3	.2	75.3
.4	9.1	.4	5.8	.4	23.3	.4	45.9	.4	75.9
.6	8.9	.6	6.2	.6	23.6	.6	46.4	.6	76.6
.8	8.6	.8	6.5	.8	24.0	.8	47.0	.8	77.2
51.	8.3	61.	6.8	71.	24.4	81.	47.5	91.	77.8
.2	8.0	.2	7.1	.2	24.8	.2	48.1	.2	78.4
.4	7.7	.4	7.4	.4	25.2	.4	48.7	.4	79.0
.6	7.5	.6	7.8	.6	25.6	.6	49.2	.6	79.6
.8	7.2	.8	8.1	.8	26.0	.8	49.8	.8	80.2
52.	6.9	62.	8.4	72.	26.4	82.	50.4	92.	80.8
.2	6.6	.2	8.7	.2	26.8	.2	50.9	.2	81.4
.4	6.3	.4	9.1	.4	27.2	.4	51.4	.4	82.0
.6	6.0	.6	9.4	.6	27.6	.6	52.0	.6	82.5
.8	5.7	.8	9.8	.8	28.0	.8	52.5	.8	83.1
53.	5.4	63.	10.1	73.	28.4	83.	53.0	93.	83.7
.2	5.1	.2	10.4	.2	28.8	.2	53.5	.2	84.3
.4	4.8	.4	10.7	.4	29.2	.4	54.1	.4	84.8
.6	4.6	.6	11.1	.6	29.6	.6	54.6	.6	85.4
.8	4.3	.8	11.4	.8	30.0	.8	55.2	.8	85.9
54.	4.0	64.	11.7	74.	30.4	84.	55.7	94.	86.5
.2	3.7	.2	12.0	.2	30.8	.2	56.3	.2	87.0
.4	3.4	.4	12.4	.4	31.3	.4	56.9	.4	87.6
.6	3.2	.6	12.7	.6	31.7	.6	57.6	.6	88.1
.8	2.9	.8	13.1	.8	32.2	.8	58.2	.8	88.7
55.	2.6	65.	13.4	75.	32.6	85.	58.8	95.	89.2
.2	2.3	.2	13.7	.2	33.0	.2	59.4	.2	89.7
.4	2.0	.4	14.1	.4	33.5	.4	60.0	.4	90.2
.6	1.7	.6	14.4	.6	33.9	.6	60.7	.6	90.8
.8	1.4	.8	14.8	.8	34.4	.8	61.3	.8	91.3
56.	1.1	66.	15.1	76.	34.8	86.	61.9	96.	91.8
.2	.8	.2	15.5	.2	35.3	.2	62.5	.2	92.3
.4	.5	.4	15.8	.4	35.8	.4	63.2	.4	92.8
.6	.1	.6	16.2	.6	36.2	.6	63.8	.6	93.3
.8	.2	.8	16.5	.8	36.7	.8	64.5	.8	93.8
57.	.5	67.	16.9	77.	37.2	87.	65.1	97.	94.3
.2	.8	.2	17.3	.2	37.7	.2	65.7	.2	94.8
.4	1.1	.4	17.7	.4	38.1	.4	66.4	.4	95.3
.6	1.4	.6	18.0	.6	38.6	.6	67.0	.6	95.7
.8	1.7	.8	18.4	.8	39.0	.8	67.7	.8	96.2
58.	2.0	68.	18.8	78.	39.5	88.	68.3	98.	96.7
.2	2.3	.2	19.2	.2	40.0	.2	68.9	.2	97.2
.4	2.6	.4	19.5	.4	40.5	.4	69.6	.4	97.7
.6	2.9	.6	19.9	.6	41.1	.6	70.2	.6	98.1
.8	3.2	.8	20.2	.8	41.6	.8	70.9	.8	98.6
59.	3.5	69.	20.6	79.	42.1	89.	71.5	99.	99.1
.2	3.8	.2	21.0	.2	42.6	.2	72.1	.2	99.5
.4	4.2	.4	21.4	.4	43.2	.4	72.8	.4	100.0
.6	4.5	.6	21.7	.6	43.7	.6	73.4	.6	——
.8	4.9	.8	22.1	.8	44.3	.8	74.1	.8	——
60.	5.2	70.	22.5	80.	44.8	90.	74.7	100.	——

TEMPERATURE 70°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.5	10.	55.6	20.	45.9	30.	34.9	40.	22.8
.2	64.3	.2	55.4	.2	45.7	.2	34.7	.2	22.5
.4	64.2	.4	55.2	.4	45.5	.4	34.5	.4	22.3
.6	64.0	.6	55.1	.6	45.2	.6	34.2	.6	22.0
.8	63.9	.8	54.9	.8	45.0	.8	34.0	.8	21.8
1.	63.7	11.	54.7	21.	44.8	31.	33.8	41.	21.5
.2	63.5	.2	54.5	.2	44.6	.2	33.6	.2	21.2
.4	63.3	.4	54.3	.4	44.4	.4	33.3	.4	21.0
.6	63.2	.6	54.2	.6	44.2	.6	33.1	.6	20.7
.8	63.0	.8	54.0	.8	44.0	.8	32.8	.8	20.5
2.	62.8	12.	53.8	22.	43.8	32.	32.6	42.	20.2
.2	62.6	.2	53.6	.2	43.6	.2	32.4	.2	19.9
.4	62.5	.4	53.4	.4	43.4	.4	32.2	.4	19.7
.6	62.3	.6	53.2	.6	43.1	.6	31.9	.6	19.4
.8	62.2	.8	53.0	.8	42.9	.8	31.7	.8	19.2
3.	62.0	13.	52.8	23.	42.7	33.	31.5	43.	18.9
.2	61.8	.2	52.6	.2	42.5	.2	31.3	.2	18.6
.4	61.6	.4	52.4	.4	42.3	.4	31.0	.4	18.4
.6	61.5	.6	52.3	.6	42.0	.6	30.8	.6	18.1
.8	61.3	.8	52.1	.8	41.8	.8	30.5	.8	17.9
4.	61.1	14.	51.9	24.	41.6	34.	30.3	44.	17.6
.2	60.9	.2	51.7	.2	41.4	.2	30.1	.2	17.3
.4	60.7	.4	51.5	.4	41.2	.4	29.8	.4	17.1
.6	60.6	.6	51.4	.6	41.0	.6	29.6	.6	16.8
.8	60.4	.8	51.2	.8	40.8	.8	29.3	.8	16.6
5.	60.2	15.	51.0	25.	40.6	35.	29.1	45.	16.3
.2	60.0	.2	50.8	.2	40.4	.2	28.9	.2	16.0
.4	59.8	.4	50.6	.4	40.2	.4	28.6	.4	15.7
.6	59.7	.6	50.4	.6	39.9	.6	28.4	.6	15.5
.8	59.5	.8	50.2	.8	39.7	.8	28.1	.8	15.2
6.	59.3	16.	50.0	26.	39.5	36.	27.9	46.	14.9
.2	59.1	.2	49.8	.2	39.3	.2	27.6	.2	14.6
.4	58.9	.4	49.6	.4	39.0	.4	27.4	.4	14.4
.6	58.8	.6	49.4	.6	38.8	.6	27.1	.6	14.1
.8	58.6	.8	49.2	.8	38.5	.8	26.9	.8	13.9
7.	58.4	17.	49.0	27.	38.3	37.	26.6	47.	13.6
.2	58.2	.2	48.8	.2	38.1	.2	26.4	.2	13.3
.4	58.0	.4	48.6	.4	37.9	.4	26.1	.4	13.0
.6	57.9	.6	48.3	.6	37.6	.6	25.9	.6	12.8
.8	57.7	.8	48.1	.8	37.4	.8	25.6	.8	12.5
8.	57.5	18.	47.9	28.	37.2	38.	25.4	48.	12.2
.2	57.3	.2	47.7	.2	37.0	.2	25.1	.2	11.9
.4	57.1	.4	47.5	.4	36.8	.4	24.9	.4	11.6
.6	57.0	.6	47.3	.6	36.5	.6	24.6	.6	11.4
.8	56.8	.8	47.1	.8	36.3	.8	24.4	.8	11.1
9.	56.6	19.	46.9	29.	36.1	39.	24.1	49.	10.8
.2	56.4	.2	46.7	.2	35.9	.2	23.8	.2	10.5
.4	56.2	.4	46.5	.4	35.6	.4	23.6	.4	10.2
.6	56.0	.6	46.3	.6	35.4	.6	23.3	.6	10.0
.8	55.8	.8	46.1	.8	35.1	.8	23.1	.8	9.7
10.	55.6	20.	45.9	30.	34.9	40.	22.8	50.	9.4

TEMPERATURE 70°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	9.4	60.	5.6	70.	22.9	80.	45.3	90.	75.0
.2	9.1	.2	5.9	.2	23.3	.2	45.8	.2	75.6
.4	8.8	.4	6.2	.4	23.7	.4	46.4	.4	76.2
.6	8.6	.6	6.6	.6	24.0	.6	46.9	.6	76.8
.8	8.3	.8	6.9	.8	24.4	.8	47.5	.8	77.4
51.	8.0	61.	7.2	71.	24.8	81.	48.0	91.	78.0
.2	7.7	.2	7.5	.2	25.2	.2	48.6	.2	78.6
.4	7.4	.4	7.8	.4	25 6	.4	49.1	.4	79.2
.6	7.2	.6	8.2	.6	26.0	.6	49.7	.6	79.7
.8	6.9	.8	8.5	.8	26.4	.8	50.2	.8	80.3
52.	6.6	62.	8.8	72.	26.8	82.	50.8	92.	80.9
.2	6.3	.2	9.1	.2	27.2	.2	51.3	.2	81.5
.4	6.0	.4	9.4	.4	27.6	.4	51.8	.4	82.1
.6	5.7	.6	9.8	.6	28.0	.6	52.4	.6	82.6
.8	5.4	.8	10.1	.8	28.4	.8	52.9	.8	83.2
53.	5.1	63.	10.4	73.	28.8	83.	53.4	93.	83.8
.2	4.8	.2	10.7	.2	29.2	.2	53.9	.2	84.4
.4	4.5	.4	11.1	.4	29.6	.4	54.5	.4	84.9
.6	4.2	.6	11.4	.6	30.1	.6	55.0	.6	85.5
.8	3.9	.8	11.8	.8	30.5	.8	55.6	.8	86.0
54.	3.6	64.	12.1	74.	30.9	84.	56.1	94.	86.6
.2	3.3	.2	12.4	.2	31.3	.2	56 7	.2	87.1
.4	3.0	.4	12.8	.4	31.7	.4	57.3	.4	87.7
.6	2.8	.6	13.1	.6	32.2	.6	57.9	.6	88.2
.8	2.5	.8	13.5	.8	32.6	.8	58.5	.8	88.8
55.	2.2	65.	13.8	75.	33.0	85.	59.1	95.	89.3
.2	1.9	.2	14.1	.2	33.5	.2	59.7	.2	89.8
.4	1.6	.4	14.5	.4	33.9	.4	60.3	.4	90.3
.6	1.3	.6	14.8	.6	34.4	.6	61.0	.6	90.9
.8	1.0	.8	15.2	.8	34.8	.8	61.6	.8	91.4
56.	.7	66.	15.5	76.	35.3	86.	62.2	96.	91.9
.2	.4	.2	15.9	.2	35.8	.2	62.8	2	92.4
.4	.1	.4	16.2	.4	36.2	.4	63.5	.4	92.9
.6	.3	.6	16.6	.6	36.7	.6	64.1	.6	93.4
.8	.6	.8	16.9	.8	37.1	.8	64.8	.8	93.9
57.	.9	67.	17.3	77.	37.6	87.	65.4	97.	94.4
.2	1.2	.2	17.7	.2	38.1	.2	66.0	.2	94.9
.4	1.5	.4	18.1	.4	38.6	.4	66.7	.4	95.4
.6	1.8	.6	18.4	.6	39.0	.6	67.3	.6	95.9
.8	2.1	.8	18.8	.8	39.5	.8	68.0	.8	96.4
58.	2.4	68.	19.2	78.	40.0	88.	68.6	98.	96.9
.2	2.7	.2	19.6	.2	40.5	.2	69.2	.2	97.4
.4	3.0	.4	20.0	.4	41.0	.4	69.8	.4	97.8
.6	3.3	.6	20.3	.6	41.5	.6	70.5	.6	98.3
.8	3.6	.8	20.7	.8	42.0	.8	71.1	.8	98.7
59.	3.9	69.	21.1	79.	42.5	89.	71.7	99.	99.2
.2	4.2	.2	21.5	.2	43.1	.2	72.4	.2	99.6
.4	4.6	.4	21.8	.4	43.6	.4	73.0	.4	——
.6	4.9	.6	22.2	.6	44.2	.6	73.7	.6	——
.8	5.3	.8	22.5	.8	44.7	.8	74.3	.8	——
60.	5.6	70.	22.9	80.	45.3	90.	75.0	100.	——

TEMPERATURE 71°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.3	10.	55.4	20.	45.6	30.	34.6	40.	22.5
.2	64.1	.2	55.2	.2	45.4	.2	34.4	.2	22.2
.4	64.0	.4	55.0	.4	45.2	.4	34.2	.4	22.0
.6	63.8	.6	54.9	.6	45.0	.6	33.9	.6	21.7
.8	63.7	.8	54.7	.8	44.8	.8	33.7	.8	21.5
1.	63.5	11.	54.5	21.	44.6	31.	33.5	41.	21.2
.2	63.3	.2	54.3	.2	44.4	.2	33.3	.2	20.9
.4	63.1	.4	54.1	.4	44.2	.4	33.0	.4	20.7
.6	63.0	.6	54.0	.6	43.9	.6	32.8	.6	20.4
.8	62.8	.8	53.8	.8	43.7	.8	32.5	.8	20.2
2.	62.6	12.	53.6	22.	43.5	32.	32.3	42.	19.9
.2	62.4	.2	53.4	.2	43.3	.2	32.1	.2	19.6
.4	62.3	.4	53.2	.4	43.1	.4	31.8	.4	19.4
.6	62.1	.6	53.0	.6	42.8	.6	31.6	.6	19.1
.8	62.0	.8	52.8	.8	42.6	.8	31.3	.8	18.9
3.	61.8	13.	52.6	23.	42.4	33.	31.1	43.	18.6
.2	61.6	.2	52.4	.2	42.2	.2	30.9	.2	18.3
.4	61.4	.4	52.2	.4	42.0	.4	30.6	.4	18.1
.6	61.3	.6	52.1	.6	41.8	.6	30.4	.6	17.8
.8	61.1	.8	51.9	.8	41.6	.8	30.1	.8	17.6
4.	60.9	14.	51.7	24.	41.4	34.	29.9	44.	17.3
.2	60.7	.2	51.5	.2	41.2	.2	29.7	.2	17.0
.4	60.5	.4	51.3	.4	41.0	.4	29.4	.4	16.8
.6	60.4	.6	51.1	.6	40.7	.6	29.2	.6	16.5
.8	60.2	.8	50.9	.8	40.5	.8	28.9	.8	16.3
5.	60.0	15.	50.7	25.	40.3	35.	28.7	45.	16.0
.2	59.8	.2	50.5	.2	40.1	.2	28.5	.2	15.7
.4	59.6	.4	50.3	.4	39.9	.4	28.2	.4	15.4
.6	59.5	.6	50.1	.6	39.6	.6	28.0	.6	15.2
.8	59.3	.8	49.9	.8	39.4	.8	27.7	.8	14.9
6.	59.1	16.	49.7	26.	39.2	36.	27.5	46.	14.6
.2	58.9	.2	49.5	.2	39.0	.2	27.2	.2	14.3
.4	58.7	.4	49.3	.4	38.7	.4	27.0	.4	14.0
.6	58.6	.6	49.1	.6	38.5	.6	26.7	.6	13.8
.8	58.4	.8	48.9	.8	38.2	.8	26.5	.8	13.5
7.	58.2	17.	48.7	27.	38.0	37.	26.2	47.	13.2
.2	58.0	.2	48.5	.2	37.8	.2	26.0	.2	12.9
.4	57.8	.4	48.3	.4	37.6	.4	25.7	.4	12.6
.6	57.7	.6	48.1	.6	37.3	.6	25.5	.6	12.4
.8	57.5	.8	47.9	.8	37.1	.8	25.2	.8	12.1
8.	57.3	18.	47.7	28.	36.9	38.	25.0	48.	11.8
.2	57.1	.2	47.5	.2	36.7	.2	24.7	.2	11.5
.4	56.9	.4	47.3	.4	36.5	.4	24.5	.4	11.2
.6	56.8	.6	47.0	.6	36.2	.6	24.2	.6	11.0
.8	56.6	.8	46.8	.8	36.0	.8	24.0	.8	10.7
9.	56.4	19.	46.6	29.	35.8	39.	23.7	49.	10.4
.2	56.2	.2	46.4	.2	35.6	.2	23.5	.2	10.1
.4	56.0	.4	46.2	.4	35.3	.4	23.2	.4	9.8
.6	55.8	.6	46.0	.6	35.1	.6	23.0	.6	9.6
.8	55.6	.8	45.8	.8	34.8	.8	22.7	.8	9.3
10.	55.4	20.	45.6	30.	34.6	40.	22.5	50.	9.0

TEMPERATURE 71°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem	Per Cent. under Proof.
50.	9.0	60.	6.0	70.	23.3	80.	45.8	90.	75.2
.2	8.7	.2	6.3	.2	23.7	.2	46.3	.2	75.8
.4	8.4	.4	6.6	.4	24.1	.4	46.9	.4	76.4
.6	8.2	.6	7.0	.6	24.4	.6	47.4	.6	77.0
.8	7.9	.8	7.3	.8	24.8	.8	48.0	.8	77.6
51.	7.6	61.	7.6	71.	25.2	81.	48.5	91.	78.2
.2	7.3	.2	7.9	.2	25.6	.2	49.0	.2	78.8
.4	7.0	.4	8.2	.4	26.0	.4	49.6	.4	79.4
.6	6.8	.6	8.6	.6	26.4	.6	50.1	.6	79.9
.8	6.5	.8	8.9	.8	26.8	.8	50.7	.8	80.5
52.	6.2	62.	9.2	72.	27.2	82.	51.2	92.	81.1
.2	5.9	.2	9.5	.2	27.6	.2	51.7	.2	81.7
.4	5.6	.4	9.8	.4	28.0	.4	52.2	.4	82.3
.6	5.4	.6	10.2	.6	28.4	.6	52.8	.6	82.8
.8	5.1	.8	10.5	.8	28.8	.8	53.3	.8	83.4
53.	4.8	63.	10.8	73.	29.2	83.	53.8	93.	84.0
.2	4.5	.2	11.1	.2	29.6	.2	54.3	.2	84.6
.4	4.2	.4	11.5	.4	30.0	.4	54.9	.4	85.1
.6	3.9	.6	11.8	.6	30.5	.6	55.4	.6	85.7
.8	3.6	.8	12.2	.8	30.9	.8	56.0	.8	86.2
54.	3.3	64.	12.5	74.	31.3	84.	56.5	94.	86.8
.2	3.0	.2	12.8	.2	31.7	.2	57.1	.2	87.3
.4	2.7	.4	13.2	.4	32.2	.4	57.7	.4	87.9
.6	2.4	.6	13.5	.6	32.6	.6	58.3	.6	88.4
.8	2.1	.8	13.9	.8	33.1	.8	58.9	.8	89.0
55.	1.8	65.	14.2	75.	33.5	85.	59.5	95.	89.5
.2	1.5	.2	14.6	.2	34.0	.2	60.1	.2	90.0
.4	1.2	.4	14.9	.4	34.4	.4	60.7	.4	90.5
.6	.9	.6	15.3	.6	34.9	.6	61.4	.6	91.0
.8	.6	.8	15.6	.8	35.3	.8	62.0	.8	91.5
56.	.3	66.	16.0	76.	35.8	86.	62.6	96.	92.0
.2	——	.2	16.4	.2	36.3	.2	63.2	.2	92.5
.4	.3	.4	16.7	.4	36.7	.4	63.8	.4	93.0
.6	.6	.6	17.1	.6	37.2	.6	64.5	.6	93.5
.8	.9	.8	17.4	.8	37.6	.8	65.1	.8	94.0
57.	1.2	67.	17.8	77.	38.1	87.	65.7	97.	94.5
.2	1.5	.2	18.2	.2	38.6	.2	66.3	.2	95.0
.4	1.8	.4	18.5	.4	39.1	.4	66.9	.4	95.5
.6	2.2	.6	18.9	.6	30.5	.6	67.6	.6	96.0
.8	2.5	.8	19.2	.8.	40.0	.8	68.2	.8	96.5
58.	2.8	68.	19.6	78.	40.5	88.	68.8	98.	97.0
.2	3.1	.2	20.0	.2	41.0	.2	69.4	.2	97.5
.4	3.4	.4	20.4	.4	41.5	.4	70.1	.4	97.9
.6	3.7	.6	20.7	.6	42.0	.6	70.7	.6	98.4
.8	4.0	.8	21.1	.8	42.5	.8	71.4	.8	98.8
59.	4.3	69.	21.5	79.	43.0	89.	72.0	99.	99.3
.2	4.6	.2	21.9	.2	43.6	.2	72.6	.2	99.7
.4	5.0	.4	22.2	.4	44.1	.4	73.3	.4	——
.6	5.3	.6	22.6	.6	44.7	.6	73.9	.6	——
.8	5.7	.8	22.9	.8	45.2	.8	74.6	.8	——
60.	6.0	70.	23.3	80.	45.8	90.	75.2	100.	——

TEMPERATURE 72°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	64.1	10.	55.2	20.	45.3	30.	34.3	40.	22.1
.2	63.9	.2	55.0	.2	45.1	.2	34.1	.2	21.8
.4	63.7	.4	54.8	.4	44.9	.4	33.9	.4	21.6
.6	63.6	.6	54.6	.6	44.7	.6	33.6	.6	21.3
.8	63.4	.8	54.4	.8	44.5	.8	33.4	.8	21.1
1.	63.2	11.	54.2	21.	44.3	31.	33.2	41.	20.8
.2	63.0	.2	54.0	.2	44.1	.2	33.0	.2	20.5
.4	62.9	.4	53.8	.4	43.9	.4	32.7	.4	20.3
.6	62.7	.6	53.7	.6	43.6	.6	32.5	.6	20.0
.8	62.6	.8	53.5	.8	43.4	.8	32.2	.8	19.8
2.	62.4	12.	53.3	22.	43.2	32.	32.0	42.	19.5
.2	62.2	.2	53.1	.2	43.0	.2	31.8	.2	19.2
.4	62.0	.4	52.9	.4	42.8	.4	31.5	.4	19.0
.6	61.9	.6	52.7	.6	42.5	.6	31.3	.6	18.7
.8	61.7	.8	52.5	.8	42.3	.8	31.0	.8	18.5
3.	61.5	13.	52.3	23.	42.1	33.	30.8	43.	18.2
.2	61.3	.2	52.1	.2	41.9	.2	30.6	.2	17.9
.4	61.1	.4	51.9	.4	41.7	.4	30.3	.4	17.7
.6	61.0	.6	51.8	.6	41.5	.6	30.1	.6	17.4
.8	60.8	.8	51.6	.8	41.3	.8	29.8	.8	17.2
4.	60.6	14.	51.4	24.	41.1	34.	29.6	44.	16.9
.2	60.4	.2	51.2	.2	40.9	.2	29.4	.2	16.6
.4	60.2	.4	51.0	.4	40.7	.4	29.1	.4	16.4
.6	60.1	.6	50.8	.6	40.4	.6	28.9	.6	16.1
.8	59.9	.8	50.6	.8	40.2	.8	28.6	.8	15.9
5.	59.7	15.	50.4	25.	40.0	35.	28.4	45.	15.6
.2	59.5	.2	50.2	.2	39.8	.2	28.2	.2	15.3
.4	59.3	.4	50.0	.4	39.5	.4	27.9	.4	15.1
.6	59.2	.6	49.8	.6	39.3	.6	27.7	.6	14.8
.8	59.0	.8	49.6	.8	39.0	.8	27.4	.8	14.6
6.	58.8	16.	49.4	26.	38.8	36.	27.2	46.	14.3
.2	58.6	.2	49.2	.2	38.6	.2	26.9	.2	14.0
.4	58.4	.4	49.0	.4	38.4	.4	26.7	.4	13.7
.6	58.3	.6	48.8	.6	38.1	.6	26.4	.6	13.5
.8	58.1	.8	48.6	.8	37.9	.8	26.2	.8	13.2
7.	57.9	17.	48.4	27.	37.7	37.	25.9	47.	12.9
.2	57.7	.2	48.2	.2	37.5	.2	25.7	.2	12.6
.4	57.5	.4	48.0	.4	37.3	.4	25.4	.4	12.3
.6	57.4	.6	47.8	.6	37.0	.6	25.2	.6	12.1
.8	57.2	.8	47.6	.8	36.8	.8	24.9	.8	11.8
8.	57.0	18.	47.4	28.	36.6	38.	24.7	48.	11.5
.2	56.8	.2	47.2	.2	36.4	.2	24.4	.2	11.2
.4	56.6	.4	47.0	.4	36.2	.4	24.2	.4	10.9
.6	56.5	.6	46.7	.6	35.9	.6	23.9	.6	10.7
.8	56.3	.8	46.5	.8	35.7	.8	23.7	.8	10.4
9.	56.1	19.	46.3	29.	35.5	39.	23.4	49.	10.1
.2	55.9	.2	46.1	.2	35.3	.2	23.1	.2	9.8
.4	55.7	.4	45.9	.4	35.0	.4	22.9	.4	9.5
.6	55.6	.6	45.7	.6	34.8	.6	22.6	.6	9.3
.8	55.4	.8	45.5	.8	34.5	.8	22.4	.8	9.0
10.	55.2	20.	45.3	30.	34.3	40.	22.1	50.	8.7

TEMPERATURE 72°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	8.7	60.	6.3	70.	23.7	80.	46.3	90.	75.4
.2	8.4	.2	6.6	.2	24.1	.2	46.8	.2	76.0
.4	8.1	.4	6.9	.4	24.5	.4	47.4	.4	76.6
.6	7.9	.6	7.3	.6	24.8	.6	47.9	.6	77.2
.8	7.6	.8	7.6	.8	25.2	.8	48.5	.8	77.8
51.	7.3	61.	7.9	71.	25.6	81.	49.0	91.	78.4
.2	7.0	.2	8.2	.2	26.0	.2	49.5	.2	79.0
.4	6.7	.4	8.6	.4	26.4	.4	50.0	.4	79.6
.6	6.5	.6	8.9	.6	26.8	.6	50.6	.6	80.1
.8	6.2	.8	9.3	.8	27.2	.8	51.1	.8	80.7
52.	5.9	62.	9.6	72.	27.6	82.	51.6	92.	81.3
.2	5.6	.2	9.9	.2	28.0	.2	52.1	.2	81.9
.4	5.3	.4	10.2	.4	28.4	.4	52.6	.4	82.5
.6	5.0	.6	10.6	.6	28.8	.6	53.2	.6	83.0
.8	4.7	.8	10.9	.8	29.2	.8	53.7	.8	83.6
53.	4.4	63.	11.2	73.	29.6	83.	54.2	93.	84.2
.2	4.1	.2	11.5	.2	30.0	.2	54.7	.2	84.7
.4	3.8	.4	11.9	.4	30.4	.4	55.3	.4	85.3
.6	3.6	.6	12.2	.6	30.9	.6	55.8	.6	85.8
.8	3.3	.8	12.6	.8	31.3	.8	56.4	.8	86.4
54.	3.0	64.	12.9	74.	31.7	84.	56.9	94.	86.9
.2	2.7	.2	13.2	.2	32.1	.2	57.5	.2	87.4
.4	2.4	.4	13.6	.4	32.6	.4	58.1	.4	88.0
.6	2.1	.6	13.9	.6	33.0	.6	58.6	.6	88.5
.8	1.8	.8	14.3	.8	33.5	.8	59.2	.8	89.1
55.	1.4	65.	14.6	75.	33.9	85.	59.8	95.	89.6
.2	1.2	.2	15.0	.2	34.4	.2	60.4	.2	90.1
.4	.9	.4	15.3	.4	34.8	.4	61.0	.4	90.6
.6	.6	.6	15.7	.6	35.3	.6	61.7	.6	91.2
.8	.3	.8	16.0	.8	35.7	.8	62.3	.8	91.7
56.	——	66.	16.4	76.	36.2	86.	62.9	96.	92.2
.2	.3	.2	16.8	.2	36.7	.2	63.5	.2	92.7
.4	.6	.4	17.1	.4	37.1	.4	64.1	.4	93.2
.6	.9	.6	17.5	.6	37.6	.6	64.8	.6	93.7
.8	1.2	.8	17.8	.8	38.0	.8	65.4	.8	94.2
57.	1.5	67.	18.2	77.	38.5	87.	66.0	97.	94.7
.2	1.8	.2	18.6	.2	39.0	.2	66.6	.2	95.2
.4	2.2	.4	18.9	.4	39.5	.4	67.2	.4	95.7
.6	2.5	.6	19.3	.6	39.9	.6	67.9	.6	96.1
.8	2.9	.8	19.6	.8	40.4	.8	68.5	.8	96.6
58.	3.2	68.	20.0	78.	40.9	88.	69.1	98.	97.1
.2	3.5	.2	20.4	.2	41.4	.2	69.7	.2	97.6
.4	3.8	.4	20.8	.4	41.9	.4	70.3	.4	98.0
.6	4.1	.6	21.1	.6	42.5	.6	71.0	.6	98.5
.8	4.4	.8	21.5	.8	43.0	.8	71.6	.8	98.9
59.	4.7	69.	21.9	79.	43.5	89.	72.2	99.	99.4
.2	5.0	.2	22.3	.2	44.1	.2	72.8	.2	99.8
.4	5.3	.4	22.6	.4	44.6	.4	73.5	.4	——
.6	5.7	.6	23.0	.6	45.2	.6	74.1	.6	——
.8	6.0	.8	23.3	.8	45.7	.8	74.8	.8	——
60.	6.3	70.	23.7	80.	46.3	90.	75.4	100.	——

TEMPERATURE 73°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.8	10.	54.9	20.	45.0	30.	34.0	40.	21.8
.2	63.6	.2	54.7	.2	44.8	.2	33.8	.2	21.5
.4	63.4	.4	54.5	.4	44.6	.4	33.6	.4	21.3
.6	63.3	.6	54.3	.6	44.4	.6	33.3	.6	21.0
.8	63.1	.8	54.1	.8	44.2	.8	33.1	.8	20.8
1.	62.9	11.	53.9	21.	44.0	31.	32.9	41.	20.5
.2	62.7	.2	53.7	.2	43.8	.2	32.7	.2	20.2
.4	62.6	.4	53.5	.4	43.6	.4	32.4	.4	20.0
.6	62.4	.6	53.4	.6	43.3	.6	32.2	.6	19.7
.8	62.3	.8	53.2	.8	43.1	.8	31.9	.8	19.5
2.	62.1	12.	53.0	22.	42.9	32.	31.7	42.	19.2
.2	61.9	.2	52.8	.2	42.7	.2	31.5	.2	18.9
.4	61.7	.4	52.6	.4	42.5	.4	31.2	.4	18.7
.6	61.6	.6	52.4	.6	42.2	.6	31.0	.6	18.4
.8	61.4	.8	52.2	.8	42.0	.8	30.7	.8	18.2
3.	61.2	13.	52.0	23.	41.8	33.	30.5	43.	17.9
.2	61.0	.2	51.8	.2	41.6	.2	30.3	.2	17.6
.4	60.8	.4	51.6	.4	41.4	.4	30.0	.4	17.4
.6	60.7	.6	51.5	.6	41.2	.6	29.8	.6	17.1
.8	60.5	.8	51.3	.8	41.0	.8	29.5	.8	16.9
4.	60.3	14.	51.1	24.	40.8	34.	29.3	44.	16.6
.2	60.1	.2	50.9	.2	40.6	.2	29.1	.2	16.3
.4	59.9	.4	50.7	.4	40.4	.4	28.8	.4	16.0
.6	59.8	.6	50.5	.6	40.1	.6	28.6	.6	15.8
.8	59.6	.8	50.3	.8	39.9	.8	28.3	.8	15.5
5.	59.4	15.	50.1	25.	39.7	35.	28.1	45.	15.2
.2	59.2	.2	49.9	.2	39.5	.2	27.8	.2	14.9
.4	59.0	.4	49.7	.4	39.2	.4	27.6	.4	14.7
.6	58.9	.6	49.5	.6	39.0	.6	27.3	.6	14.4
.8	58.7	.8	49.3	.8	38.7	.8	27.1	.8	14.2
6.	58.5	16.	49.2	26.	38.5	36.	26.8	46.	13.9
.2	58.3	.2	48.9	.2	38.3	.2	26.6	.2	13.6
.4	58.1	.4	48.7	.4	38.1	.4	26.3	.4	13.3
.6	58.0	.6	48.5	.6	37.8	.6	26.1	.6	13.1
.8	57.8	.8	48.3	.8	37.6	.8	25.8	.8	12.8
7.	57.6	17.	48.1	27.	37.4	37.	25.6	47.	12.5
.2	57.4	.2	47.9	.2	37.2	.2	25.3	.2	12.2
.4	57.2	.4	47.7	.4	37.0	.4	25.1	.4	11.9
.6	57.1	.6	47.5	.6	36.7	.6	24.8	.6	11.7
.8	56.9	.8	47.3	.8	36.5	.8	24.6	.8	11.4
8.	56.7	18.	47.1	28.	36.3	38.	24.3	48.	11.1
.2	56.5	.2	46.9	.2	36.1	.2	24.1	.2	10.8
.4	56.3	.4	46.7	.4	35.9	.4	23.8	.4	10.5
.6	56.2	.6	46.4	.6	35.6	.6	23.6	.6	10.3
.8	56.0	.8	46.2	.8	35.4	.8	23.3	.8	10.0
9.	55.8	19.	46.0	29.	35.2	39.	23.1	49.	9.7
.2	55.6	.2	45.8	.2	35.0	.2	22.8	.2	9.4
.4	55.4	.4	45.6	.4	34.7	.4	22.6	.4	9.1
.6	55.3	.6	45.4	.6	34.5	.6	22.3	.6	8.9
.8	55.1	.8	45.2	.8	34.2	.8	22.1	.8	8.6
10.	54.9	20.	45.0	30.	34.0	40.	21.8	50.	8.3

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	8.3	60.	6.7	70.	24.2	80.	46.8	90.	75.6
.2	8.0	.2	7.0	.2	24.6	.2	47.4	.2	76.2
.4	7.7	.4	7.3	.4	25.0	.4	47.9	.4	76.8
.6	7.5	.6	7.7	.6	25.3	.6	48.5	.6	77.4
.8	7.2	.8	8.0	.8	25.7	.8	49.0	.8	78.0
51.	6.9	61.	8.3	71.	26.1	81.	49.6	91.	78.6
.2	6.6	.2	8.6	.2	26.5	.2	50.1	.2	79.2
.4	6.3	.4	9.0	.4	26.9	.4	50.6	.4	79.8
.6	6.1	.6	9.3	.6	27.3	.6	51.1	.6	80.3
.8	5.8	.8	9.7	.8	27.7	.8	51.6	.8	80.9
52.	5.5	62.	10.0	72.	28.1	82.	52.1	92.	81.5
.2	5.2	.2	10.3	.2	28.5	.2	52.6	.2	82.1
.4	4.9	.4	10.6	.4	28.9	.4	53.1	.4	82.6
.6	4.6	.6	11.0	.6	29.3	.6	53.6	.6	83.2
.8	4.3	.8	11.3	.8	29.7	.8	54.1	.8	83.7
53.	4.0	63.	11.6	73.	30.1	83.	54.6	93.	84.3
.2	3.7	.2	11.9	.2	30.5	.2	55.1	.2	84.9
.4	3.4	.4	12.3	.4	30.9	.4	55.7	.4	85.4
.6	3.2	.6	12.6	.6	31.4	.6	56.2	.6	86.0
.8	2.9	.8	13.0	.8	31.8	.8	56.8	.8	86.5
54.	2.6	64.	13.3	74.	32.2	84.	57.3	94.	87.1
.2	2.3	.2	13.6	.2	32.6	.2	57.9	.2	87.6
.4	2.0	.4	14.0	.4	33.1	.4	58.4	.4	88.1
.6	1.7	.6	14.3	.6	33.5	.6	59.0	.6	88.7
.8	1.4	.8	14.7	.8	34.0	.8	59.5	.8	89.2
55.	1.1	65.	15.0	75.	34.4	85.	60.1	95.	89.7
.2	.8	.2	15.4	.2	34.9	.2	60.7	.2	90.2
.4	.5	.4	15.7	.4	35.3	.4	61.3	.4	90.7
.6	.2	.6	16.1	.6	35.8	.6	62.0	.6	91.3
.8	.1	.8	16.4	.8	36.2	.8	62.6	.8	91.8
56.	.4	66.	16.8	76.	36.7	86.	63.2	96.	92.3
.2	.7	.2	17.2	.2	37.2	.2	63.8	.2	92.8
.4	1.0	.4	17.5	.4	37.6	.4	64.4	.4	93.3
.6	1.3	.6	17.9	.6	38.1	.6	65.1	.6	93.8
.8	1.6	.8	18.2	.8	38.5	.8	65.7	.8	94.3
57.	1.9	67.	18.6	77.	39.0	87.	66.3	97.	94.8
.2	2.2	.2	19.0	.2	39.5	.2	66.9	.2	95.3
.4	2.5	.4	19.3	.4	39.9	.4	67.5	.4	95.8
.6	2.9	.6	19.7	.6	40.4	.6	68.2	.6	96.2
.8	3.2	.8	20.0	.8	40.8	.8	68.8	.8	96.7
58.	3.5	68.	20.4	78.	41.3	88.	69.4	98.	97.2
.2	3.8	.2	20.8	.2	41.8	.2	70.0	.2	97.7
.4	4.1	.4	21.2	.4	42.4	.4	70.6	.4	98.1
.6	4.5	.6	21.5	.6	42.9	.6	71.3	.6	98.6
.8	4.8	.8	21.9	.8	43.5	.8	71.9	.8	99.0
59.	5.1	69.	22.3	79.	44.0	89.	72.5	99.	99.5
.2	5.4	.2	22.7	.2	44.6	.2	73.1	.2	99.9
.4	5.7	.4	23.1	.4	45.1	.4	73.7	.4	——
.6	6.1	.6	23.4	.6	45.7	.6	74.4	.6	——
.8	6.4	.8	23.8	.8	46.2	.8	75.0	.8	——
60.	6.7	70.	24.2	80.	46.8	90.	75.6	100.	——

TEMPERATURE 74°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.6	10.	54.6	20.	44.7	30.	33.7	40.	21.5
.2	63.4	.2	54.4	.2	44.5	.2	33.5	.2	21.2
.4	63.2	.4	54.2	.4	44.3	.4	33.2	.4	21.0
.6	63.1	.6	54.1	.6	44.1	.6	33.0	.6	20.7
.8	62.9	.8	53.9	.8	43.9	.8	32.7	.8	20.5
1.	62.7	11.	53.7	21.	43.7	31.	32.5	41.	20.2
.2	62.5	.2	53.5	.2	43.5	.2	32.3	.2	19.9
.4	62.3	.4	53.3	.4	43.3	.4	32.1	.4	19.7
.6	62.2	.6	53.2	.6	43.0	.6	31.8	.6	19.4
.8	62.0	.8	53.0	.8	42.8	.8	31.6	.8	19.2
2.	61.8	12.	52.8	22.	42.6	32.	31.4	42.	18.9
.2	61.6	.2	52.6	.2	42.4	.2	31.2	.2	18.6
.4	61.4	.4	52.4	.4	42.2	.4	30.9	.4	18.4
.6	61.3	.6	52.2	.6	41.9	.6	30.7	.6	18.1
.8	61.1	.8	52.0	.8	41.7	.8	30.4	.8	17.9
3.	60.9	13.	51.8	23.	41.5	33.	30.2	43.	17.6
.2	60.7	.2	51.6	.2	41.3	.2	30.0	.2	17.3
.4	60.5	.4	51.4	.4	41.1	.4	29.7	.4	17.1
.6	60.4	.6	51.2	.6	40.9	.6	29.5	.6	16.8
.8	60.2	.8	51.0	.8	40.7	.8	29.2	.8	16.6
4.	60.0	14.	50.8	24.	40.5	34.	29.0	44.	16.3
.2	59.8	.2	50.6	.2	40.3	.2	28.8	.2	16.0
.4	59.7	.4	50.4	.4	40.1	.4	28.5	.4	15.7
.6	59 5	.6	50.3	.6	39.8	.6	28.3	.6	15.5
.8	59.4	.8	50.1	.8	39.6	.8	28.0	.8	15.2
5.	59.2	15.	49.9	25.	39.4	35.	27.8	45.	14.9
.2	59.0	.2	49.7	.2	39.2	.2	27.5	.2	14.6
.4	58.8	.4	49.5	.4	38.9	.4	27.3	.4	14.4
.6	58.6	.6	49.3	.6	38.7	.6	27.0	.6	14.1
.8	58.4	.8	49.1	.8	38.4	.8	26.8	.8	13.9
6.	58.2	16.	48.9	26.	38.2	36.	26.5	46.	13.6
.2	58.0	.2	48.7	.2	38.0	.2	26.3	.2	13.3
.4	57.8	.4	48.5	.4	37.8	.4	26.0	.4	13.0
.6	57.7	.6	48.2	.6	37.5	.6	25.8	.6	12.8
.8	57.5	.8	48.0	.8	37.3	.8	25.5	.8	12.5
7.	57.3	17.	47.8	27.	37.1	37.	25.3	47.	12.2
.2	57.1	.2	47.6	.2	36.9	.2	25.0	.2	11.9
.4	56.9	.4	47.4	.4	36.7	.4	24.8	.4	11.6
.6	56.8	.6	47.1	.6	36.4	.6	24.5	.6	11.4
.8	56.6	.8	46.9	.8	36.2	.8	24.3	.8	11.1
8.	56.4	18.	46.7	28.	36.0	38.	24.0	48.	10.8
.2	56.2	.2	46.5	.2	35.8	.2	23.8	.2	10.5
.4	56.0	.4	46.3	.4	35.5	.4	23.5	.4	10.2
.6	55.9	.6	46.1	.6	35.3	.6	23.3	.6	10.0
.8	55.7	.8	45.9	.8	35.0	.8	23.0	.8	9.7
9.	55.5	19.	45.7	29.	34.8	39.	22.8	49.	9.4
.2	55.3	.2	45.5	.2	34.6	.2	22.5	.2	9.1
.4	55.1	.4	45.3	.4	34.4	.4	22.3	.4	8.8
.6	55.0	.6	45.1	.6	34.1	.6	22.0	.6	8.6
.8	54.8	.8	44.9	.8	33.9	.8	21.8	.8	8.3
10.	54.6	20.	44.7	30.	33.7	40.	21.5	50.	8.0

TEMPERATURE 74°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	8.0	60.	7.1	70.	24.6	80.	47.3	90.	75.8
.2	7.7	.2	7.4	.2	25.0	.2	47.8	.2	76.4
.4	7.4	.4	7.7	.4	25.4	.4	48.4	.4	77.0
.6	7.2	.6	8.1	.6	25.7	.6	48.9	.6	77.6
.8	6.9	.8	8.4	.8	26.1	.8	49.5	.8	78.2
51.	6.6	61.	8.7	71.	26.5	81.	50.0	91.	78.8
.2	6.3	.2	9.0	.2	26.9	.2	50.5	.2	79.4
.4	6.0	.4	9.3	.4	27.3	.4	51.0	.4	80.0
.6	5.8	.6	9.7	.6	27.7	.6	51.5	.6	80.5
.8	5.5	.8	10.0	.8	28.1	.8	52.0	.8	81.1
52.	5.2	62.	10.3	72.	28.5	82.	52.5	92.	81.7
.2	4.9	.2	10.6	.2	28.9	.2	53.0	.2	82.3
.4	4.6	.4	11.0	.4	29.3	.4	53.5	.4	82.8
.6	4.3	.6	11.3	.6	29.7	.6	54.0	.6	83.4
.8	4.0	.8	11.7	.8	30.1	.8	54.5	.8	83.9
53.	3.7	63.	12.0	73.	30.5	83.	55.0	93.	84.5
.2	3.4	.2	12.3	.2	30.9	.2	55.5	.2	85.0
.4	3.1	.4	12.7	.4	31.3	.4	56.0	.4	85.6
.6	2.8	.6	13.0	.6	31.8	.6	56.6	.6	86.1
.8	2.5	.8	13.4	.8	32.2	.8	57.1	.8	86.7
54.	2.2	64.	13.7	74.	32.6	84.	57.6	94.	87.2
.2	1.9	.2	14.0	.2	33.0	.2	58.2	.2	87.7
.4	1.6	.4	14.4	.4	33.5	.4	58.8	.4	88.3
.6	1.4	.6	14.7	.6	33.9	.6	59.3	.6	88.8
.8	1.1	.8	15.1	.8	34.4	.8	59.9	.8	89.4
55.	.8	65.	15.4	75.	34.8	85.	60.5	95.	89.9
.2	.5	.2	15.8	.2	35.3	.2	61.1	.2	90.4
.4	.2	.4	16.1	.4	35.7	.4	61.7	.4	90.9
.6	.2	.6	16.5	.6	36.2	.6	62.3	.6	91.5
.8	.5	.8	16.8	.8	36.6	.8	62.9	.8	92.0
56.	.8	66.	17.2	76.	37.1	86.	63.5	96.	92.5
.2	1.1	.2	17.6	.2	37.6	.2	64.1	.2	93.0
.4	1.4	.4	17.9	.4	38.0	.4	64.7	.4	93.5
.6	1.7	.6	18.3	.6	38.5	.6	65.4	.6	93.9
.8	2.0	.8	18.6	.8	38.9	.8	66.0	.8	94.4
57.	2.3	67.	19.0	77.	39.4	87.	66.6	97.	94.9
.2	2.6	.2	19.4	.2	39.9	.2	67.2	.2	95.4
.4	2.9	.4	19.8	.4	40.4	.4	67.8	.4	95.9
.6	3.2	.6	20.1	.6	40.9	.6	68.4	.6	96.3
.8	3.5	.8	20.5	.8	41.4	.8	69.0	.8	96.8
58.	3.8	68.	20.9	78.	41.9	88.	69.6	98.	97.3
.2	4.1	.2	21.3	.2	42.4	.2	70.2	.2	97.8
.4	4.5	.4	21.6	.4	43.0	.4	70.9	.4	98.2
.6	4.8	.6	22.0	.6	43.5	.6	71.5	.6	98.7
.8	5.2	.8	22.3	.8	44.1	.8	72.2	.8	99.1
59.	5.5	69.	22.7	79.	44.6	89.	72.8	99.	99.6
.2	5.8	.2	23.1	.2	45.1	.2	73.4	.2	100.0
.4	6.1	.4	23.5	.4	45.7	.4	74.0	.4	——
.6	6.5	.6	23.8	.6	46.2	.6	74.6	.6	——
.8	6.8	.8	24.2	.8	46.8	.8	75.2	.8	——
60.	7.1	70.	24.6	80.	47.3	90.	75.8	100.	——

TEMPERATURE 75°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.3	10.	54.3	20.	44.4	30.	33.4	40.	21.1
.2	63.1	.2	54.1	.2	44.2	.2	33.2	.2	20.8
.4	63.0	.4	53.9	.4	44.0	.4	32.9	.4	20.6
.6	62.8	.6	53.8	.6	43.8	.6	32.7	.6	20.3
.8	62.7	.8	53.6	.8	43.6	.8	32.4	.8	20.1
1.	62.5	11.	53.4	21.	43.4	31.	32.2	41.	19.8
.2	62.3	.2	53.2	.2	43.2	.2	32.0	.2	19.5
.4	62.1	.4	53.0	.4	43.0	.4	31.7	.4	19.3
.6	62.0	.6	52.9	.6	42.7	.6	31.5	.6	19.0
.8	61.8	.8	52.7	.8	42.5	.8	31.2	.8	18.8
2.	61.6	12.	52.5	22.	42.3	32.	31.0	42.	18.5
.2	61.4	.2	52.3	.2	42.1	.2	30.8	.2	18.2
.4	61.2	.4	52.1	.4	41.9	.4	30.5	.4	18.0
.6	61.1	.6	51.9	.6	41.6	.6	30.3	.6	17.7
.8	60.9	.8	51.7	.8	41.4	.8	30.0	.8	17.5
3.	60.7	13.	51.5	23.	41.2	33.	29.8	43.	17.2
.2	60.5	.2	51.3	.2	41.0	.2	29.6	.2	16.9
.4	60.3	.4	51.1	.4	40.8	.4	29.4	.4	16.7
.6	60.2	.6	50.9	.6	40.5	.6	29.1	.6	16.4
.8	60.0	.8	50.7	.8	40.3	.8	28.9	.8	16.2
4.	59.8	14.	50.5	24.	40.1	34.	28.7	44.	15.9
.2	59.6	.2	50.3	.2	39.9	.2	28.5	.2	15.6
.4	59.5	.4	50.1	.4	39.7	.4	28.2	.4	15.4
.6	59.3	.6	50.0	.6	39.4	.6	28.0	.6	15.1
.8	59.2	.8	49.8	.8	39.2	.8	27.7	.8	14.9
5.	59.0	15.	49.6	25.	39.0	35.	27.5	45.	14.6
.2	58.8	.2	49.4	.2	38.8	.2	27.2	.2	14.3
.4	58.6	.4	49.2	.4	38.6	.4	27.0	.4	14.0
.6	58.4	.6	49.0	.6	38.3	.6	26.7	.6	13.8
.8	58.2	.8	48.8	.8	38.1	.8	26.5	.8	13.5
6.	58.0	16.	48.6	26.	37.9	36.	26.2	46.	13.2
.2	57.8	.2	48.4	.2	37.7	.2	26.0	.2	12.9
.4	57.6	.4	48.2	.4	37.5	.4	25.7	.4	12.6
.6	57.5	.6	47.9	.6	37.2	.6	25.5	.6	12.4
.8	57.3	.8	47.7	.8	37.0	.8	25.2	.8	12.1
7.	57.1	17.	47.5	27.	36.8	37.	25.0	47.	11.8
.2	56.9	.2	47.3	.2	36.6	.2	24.7	.2	11.5
.4	56.7	.4	47.1	.4	36.4	.4	24.5	.4	11.3
.6	56.6	.6	46.8	.6	36.1	.6	24.2	.6	11.0
.8	56.4	.8	46.6	.8	35.9	.8	24.0	.8	10.8
8.	56.2	18.	46.4	28.	35.7	38.	23.7	48.	10.5
.2	56.0	.2	46.2	.2	35.5	.2	23.4	.2	10.2
.4	55.8	.4	46.0	.4	35.2	.4	23.2	.4	9.9
.6	55.7	.6	45.9	.6	35.0	.6	22.9	.6	9.7
.8	55.5	.8	45.7	.8	34.7	.8	22.7	.8	9.4
9.	55.3	19.	45.5	29.	34.5	39.	22.4	49.	9.1
.2	55.1	.2	45.3	.2	34.3	.2	22.1	.2	8.8
.4	54.9	.4	45.1	.4	34.1	.4	21.9	.4	8.5
.6	54.7	.6	44.8	.6	33.8	.6	21.6	.6	8.2
.8	54.5	.8	44.6	.8	33.6	.8	21.4	.8	7.9
10.	54.3	20.	44.4	30.	33.4	40.	21.1	50.	7.6

TEMPERATURE 75°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	7.6	60.	7.5	70.	25.0	80.	47.8	90.	76.1
.2	7.3	.2	7.8	.2	25.4	.2	48.3	.2	76.7
.4	7.0	.4	8.1	.4	25.8	.4	48.8	.4	77.3
.6	6.8	.6	8.5	.6	26.2	.6	49.4	.6	77.8
.8	6.5	.8	8.8	.8	26.6	.8	49.9	.8	78.4
51.	6.2	61.	9.1	71.	27.0	81.	50.4	91.	79.0
.2	5.9	.2	9.4	.2	27.4	.2	50.9	.2	79.6
.4	5.6	.4	9.7	.4	27.8	.4	51.4	.4	80.2
.6	5.4	.6	10.1	.6	28.2	.6	51.9	.6	80.7
.8	5.1	.8	10.4	.8	28.6	.8	52.4	.8	81.3
52.	4.8	62.	10.7	72.	29.0	82.	52.9	92.	81.9
.2	4.5	.2	11.0	.2	29.4	.2	53.4	.2	82.5
.4	4.2	.4	11.4	.4	29.8	.4	53.9	.4	83.0
.6	3.9	.6	11.7	.6	30.2	.6	54.4	.6	83.6
.8	3.6	.8	12.1	.8	30.6	.8	54.9	.8	84.1
53.	3.3	63.	12.4	73.	31.0	83.	55.4	93.	84.7
.2	3.0	.2	12.7	.2	31.4	.2	55.9	.2	85.2
.4	2.7	.4	13.1	.4	31.8	.4	56.4	.4	85.8
.6	2.5	.6	13.4	.6	32.3	.6	57.0	.6	86.3
.8	2.2	.8	13.8	.8	32.7	.8	57.5	.8	86.9
54.	1.9	64.	14.1	74.	33.1	84.	58.0	94.	87.4
.2	1.6	.2	14.4	.2	33.5	.2	58.6	.2	87.9
.4	1.3	.4	14.8	.4	34.0	.4	59.1	.4	88.4
.6	1.0	.6	15.1	.6	34.4	.6	59.7	.6	89.0
.8	.7	.8	15.5	.8	34.9	.8	60.2	.8	89.5
55.	.4	65.	15.8	75.	35.3	85.	60.8	95.	90.0
.2	.1	.2	16.2	.2	35.8	.2	61.4	.2	90.5
.4	.2	.4	16.5	.4	36.2	.4	62.0	.4	91.0
.6	.6	.6	16.9	.6	36.7	.6	62.6	.6	91.6
.8	.9	.8	17.2	.8	37.1	.8	63.2	.8	92.1
56.	1.2	66.	17.6	76.	37.6	86.	63.8	96.	92.6
.2	1.5	.2	18.0	.2	38.1	.2	64.4	.2	93.1
.4	1.8	.4	18.3	.4	38.5	.4	65.0	.4	93.6
.6	2.1	.6	18.7	.6	39.0	.6	65.7	.6	94.1
.8	2.4	.8	19.0	.8	39.4	.8	66.3	.8	94.6
57.	2.7	67.	19.4	77.	39.9	87.	66.9	97.	95.1
.2	3.0	.2	19.8	.2	40.4	.2	67.5	.2	95.6
.4	3.3	.4	20.2	.4	40.9	.4	68.1	.4	96.1
.6	3.6	.6	20.5	.6	41.4	.6	68.7	.6	96.5
.8	3.9	.8	20.9	.8	41.9	.8	69.3	.8	97.0
58.	4.2	68.	21.3	78.	42.4	88.	69.9	98.	97.5
.2	4.5	.2	21.7	.2	42.9	.2	70.5	.2	98.0
.4	4.9	.4	22.0	.4	43.5	.4	71.1	.4	98.4
.6	5.2	.6	22.4	.6	44.0	.6	71.8	.6	98.9
.8	5.6	.8	22.7	.8	44.6	.8	72.4	.8	99.3
59.	5.9	69.	23.1	79.	45.1	89.	73.0	99.	99.8
.2	6.2	.2	23.5	.2	45.6	.2	73.6	.2	—
.4	6.5	.4	23.9	.4	46.2	.4	74.2	.4	—
.6	6.9	.6	24.2	.6	46.7	.6	74.9	.6	—
.8	7.2	.8	24.6	.8	47.3	.8	75.5	.8	—
60.	7.5	70.	25.0	80.	47.8	90.	76.1	100.	—

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	63.0	10.	54.0	20.	44.1	30.	33.1	40.	20.8
.2	62.8	.2	53.8	.2	43.9	.2	32.9	.2	20.5
.4	62.7	.4	53.6	.4	43.7	.4	32.6	.4	20.3
.6	62.5	.6	53.5	.6	43.5	.6	32.4	.6	20.0
.8	62.4	.8	53.3	.8	43.3	.8	32.1	.8	19.8
1.	62.2	11.	53.1	21.	43.1	31.	31.9	41.	19.5
.2	62.0	.2	52.9	.2	42.9	.2	31.7	.2	19.2
.4	61.8	.4	52.7	.4	42.7	.4	31.4	.4	19.0
.6	61.7	.6	52.6	.6	42.4	.6	31.2	.6	18.7
.8	61.5	.8	52.4	.8	42.2	.8	30.9	.8	18.5
2.	61.3	12.	52.2	22.	42.0	32.	30.7	42.	18.2
.2	61.1	.2	52.0	.2	41.8	.2	30.5	.2	17.9
.4	60.9	.4	51.8	.4	41.6	.4	30.2	.4	17.7
.6	60.8	.6	51.6	.6	41.3	.6	30.0	.6	17.4
.8	60.6	.8	51.4	.8	41.1	.8	29.7	.8	17.2
3.	60.4	13.	51.2	23.	40.9	33.	29.5	43.	16.9
.2	60.2	.2	51.0	.2	40.7	.2	29.3	.2	16.6
.4	60.1	.4	50.8	.4	40.5	.4	29.0	.4	16.4
.6	59.9	.6	50.6	.6	40.2	.6	28.8	.6	16.1
.8	59.8	.8	50.4	.8	40.0	.8	28.5	.8	15.9
4.	59.6	14.	50.2	24.	39.8	34.	28.3	44.	15.6
.2	59.4	.2	50.0	.2	39.6	.2	28.1	.2	15.3
.4	59.2	.4	49.8	.4	39.4	.4	27.8	.4	15.1
.6	59.1	.6	49.6	.6	39.1	.6	27.6	.6	14.8
.8	58.9	.8	49.4	.8	38.9	.8	27.3	.8	14.6
5.	58.7	15.	49.2	25.	38.7	35.	27.1	45.	14.3
.2	58.5	.2	49.0	.2	38.5	.2	26.9	.2	14.0
.4	58.3	.4	48.8	.4	38.3	.4	26.6	.4	13.7
.6	58.2	.6	48.6	.6	38.0	.6	26.4	.6	13.5
.8	58.0	.8	48.4	.8	37.8	.8	26.1	.8	13.2
6.	57.8	16.	48.2	26.	37.6	36.	25.9	46.	12.9
.2	57.6	.2	48.0	.2	37.4	.2	25.7	.2	12.6
.4	57.4	.4	47.8	.4	37.2	.4	25.4	.4	12.3
.6	57.2	.6	47.6	.6	36.9	.6	25.2	.6	12.1
.8	57.0	.8	47.4	.8	36.7	.8	24.9	.8	11.8
7.	56.8	17.	47.2	27.	36.5	37.	24.7	47.	11.5
.2	56.6	.2	47.0	.2	36.3	.2	24.4	.2	11.2
.4	56.4	.4	46.8	.4	36.1	.4	24.2	.4	10.9
.6	56.3	.6	46.6	.6	35.8	.6	23.9	.6	10.7
.8	56.1	.8	46.4	.8	35.6	.8	23.7	.8	10.4
8.	55.9	18.	46.1	28.	35.4	38.	23.4	48.	10.1
.2	55.7	.2	46.0	.2	35.2	.2	23.1	.2	9.8
.4	55.5	.4	45.8	.4	34.9	.4	22.9	.4	9.5
.6	55.4	.6	45.6	.6	34.7	.6	22.6	.6	9.3
.8	55.2	.8	45.4	.8	34.4	.8	22.4	.8	9.0
9.	55.0	19.	45.2	29.	34.2	39.	22.1	49.	8.7
.2	54.8	.2	45.0	.2	34.0	.2	21.8	.2	8.4
.4	54.6	.4	44.8	.4	33.8	.4	21.6	.4	8.1
.6	54.4	.6	44.5	.6	33.5	.6	21.3	.6	7.8
.8	54.2	.8	44.3	.8	33.3	.8	21.1	.8	7.5
10.	54.0	20.	44.1	30.	33.1	40.	20.8	50.	7.2

TEMPERATURE 76°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	7.2	60.	7.9	70.	25.4	80.	48.4	90.	76.3
.2	6.9	.2	8.2	.2	25.8	.2	48.9	.2	76.9
.4	6.6	.4	8.5	.4	26.2	.4	49.4	.4	77.5
.6	6.4	.6	8.9	.6	26.6	.6	49.9	.6	78.0
.8	6.1	.8	9.2	.8	27.0	.8	50.4	.8	78.6
51.	5.8	61.	9.5	71.	27.4	81.	50.9	91.	79.2
.2	5.5	.2	9.8	.2	27.8	.2	51.4	.2	79.8
.4	5.2	.4	10.1	.4	28.2	.4	51.9	.4	80.4
.6	5.0	.6	10.5	.6	28.6	.6	52.3	.6	80.9
.8	4.7	.8	10.8	.8	29.0	.8	52.8	.8	81.5
52.	4.4	62.	11.1	72.	29.4	82.	53.3	92.	82.1
.2	4.1	.2	11.4	.2	29.8	.2	53.8	.2	82.6
.4	3.8	.4	11.8	.4	30.2	.4	54.3	.4	83.2
.6	3.6	.6	12.1	.6	30.7	.6	54.7	.6	83.7
.8	3.3	.8	12.5	.8	31.1	.8	55.2	.8	84.3
53.	3.0	63.	12.8	73.	31.5	83.	55.7	93.	84.8
.2	2.7	.2	13.1	.2	31.9	.2	56.2	.2	85.4
.4	2.4	.4	13.5	.4	32.3	.4	56.7	.4	85.9
.6	2.1	.6	13.8	.6	32.8	.6	57.3	.6	86.5
.8	1.8	.8	14.2	.8	33.2	.8	57.8	.8	87.0
54.	1.5	64.	14.5	74.	33.6	84.	58.3	94.	87.6
.2	1.2	.2	14.8	.2	34.0	.2	58.9	.2	88.1
.4	.9	.4	15.2	.4	34.5	.4	59.4	.4	88.6
.6	.6	.6	15.5	.6	34.9	.6	60.0	.6	89.2
.8	.3	.8	15.9	.8	35.4	.8	60.5	.8	89.7
55.	——	65.	16.2	75.	35.8	85.	61.1	95.	90.2
.2	.3	.2	16.6	.2	36.3	.2	61.7	.2	90.7
.4	.6	.4	16.9	.4	36.7	.4	62.3	.4	91.2
.6	.9	.6	17.3	.6	37.2	.6	62.9	.6	91.8
.8	1.2	.8	17.6	.8	37.6	.8	63.5	.8	92.3
56.	1.5	66.	18.0	76.	38.1	86.	64.1	96.	92.8
.2	1.8	.2	18.4	.2	38.6	.2	64.7	.2	93.3
.4	2.1	.4	18.7	.4	39.0	.4	65.3	.4	93.8
.6	2.5	.6	19.1	.6	39.5	.6	65.9	.6	94.2
.8	2.8	.8	19.4	.8	39.9	.8	66.5	.8	94.7
57.	3.1	67.	19.8	77.	40.4	87.	67.1	97.	95.2
.2	3.4	.2	20.2	.2	40.9	.2	67.7	.2	95.7
.4	3.7	.4	20.6	.4	41.4	.4	68.3	.4	96.2
.6	4.0	.6	20.9	.6	41.9	.6	69.0	.6	96.6
.8	4.3	.8	21.3	.8	42.4	.8	69.6	.8	97.1
58.	4.6	68.	21.7	78.	42.9	88.	70.2	98.	97.6
.2	4.9	.2	22.1	.2	43.4	.2	70.8	.2	98.1
.4	5.3	.4	22.4	.4	44.0	.4	71.4	.4	98.5
.6	5.6	.6	22.8	.6	44.5	.6	72.1	.6	99.0
.8	6.0	.8	23.1	.8	45.1	.8	72.7	.8	99.4
59.	6.3	69.	23.5	79.	45.6	89.	73.3	99.	99.9
.2	6.6	.2	23.9	.2	46.2	.2	73.9	.2	——
.4	6.9	.4	24.3	.4	46.7	.4	74.5	.4	——
.6	7.3	.6	24.6	.6	47.3	.6	75.1	.6	——
.8	7.6	.8	25.0	.8	47.8	.8	75.7	.8	——
60.	7.9	70.	25.4	80.	48.4	90.	76.3	100.	——

TEMPERATURE 77°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.7	10.	53.7	20.	43.8	30.	32.7	40.	20.4
.2	62.5	.2	53.5	.2	43.6	.2	32.5	.2	20.2
.4	62.4	.4	53.3	.4	43.4	.4	32.3	.4	19.9
.6	62.2	.6	53.2	.6	43.2	.6	32.0	.6	19.7
.8	62.1	.8	53.0	.8	43.0	.8	31.8	.8	19.4
1.	61.9	11.	52.8	21.	42.8	31.	31.6	41.	19.2
.2	61.7	.2	52.6	.2	42.6	.2	31.4	.2	18.9
.4	61.5	.4	52.4	.4	42.4	.4	31.1	.4	18.7
.6	61.4	.6	52.3	.6	42.1	.6	30.9	.6	18.4
.8	61.2	.8	52.1	.8	41.9	.8	30.6	.8	18.2
2.	61.0	12.	51.9	22.	41.7	32.	30.4	42.	17.9
.2	60.8	.2	51.7	.2	41.5	.2	30.2	.2	17.6
.4	60.7	.4	51.5	.4	41.3	.4	29.9	.4	17.4
.6	60.5	.6	51.4	.6	41.0	.6	29.7	.6	17.1
.8	60.4	.8	51.2	.8	40.8	.8	29.4	.8	16.9
3.	60.2	13.	51.0	23.	40.6	33.	29.2	43.	16.6
.2	60.0	.2	50.8	.2	40.4	.2	29.0	.2	16.3
.4	59.8	.4	50.6	.4	40.2	.4	28.7	.4	16.0
.6	59.7	.6	50.4	.6	39.9	.6	28.5	.6	15.8
.8	59.5	.8	50.2	.8	39.7	.8	28.2	.8	15.5
4.	59.3	14.	50.0	24.	39.5	34.	28.0	44.	15.2
.2	59.1	.2	49.8	.2	39.3	.2	27.8	.2	14.9
.4	58.9	.4	49.6	.4	39.1	.4	27.5	.4	14.7
.6	58.8	.6	49.4	.6	38.8	.6	27.3	.6	14.4
.8	58.6	.8	49.2	.8	38.6	.8	27.0	.8	14.2
5.	58.4	15.	49.0	25.	38.4	35.	26.8	45.	13.9
.2	58.2	.2	48.8	.2	38.2	.2	26.5	.2	13.6
.4	58.0	.4	48.6	.4	38.0	.4	26.3	.4	13.3
.6	57.9	.6	48.3	.6	37.7	.6	26.0	.6	13.1
.8	57.7	.8	48.1	.8	37.5	.8	25.8	.8	12.8
6.	57.5	16.	47.9	26.	37.3	36.	25.5	46.	12.5
.2	57.3	.2	47.7	.2	37.1	.2	25.3	.2	12.2
.4	57.1	.4	47.5	.4	36.9	.4	25.0	.4	11.9
.6	56.9	.6	47.3	.6	36.6	.6	24.8	.6	11.7
.8	56.7	.8	47.1	.8	36.4	.8	24.5	.8	11.4
7.	56.5	17.	46.9	27.	36.2	37.	24.3	47.	11.1
.2	56.3	.2	46.7	.2	36.0	.2	24.0	.2	10.8
.4	56.1	.4	46.5	.4	35.7	.4	23.8	.4	10.5
.6	56.0	.6	46.3	.6	35.5	.6	23.5	.6	10.3
.8	55.8	.8	46.1	.8	35.2	.8	23.3	.8	10.0
8.	55.6	18.	45.9	28.	35.0	38.	23.0	48.	9.7
.2	55.4	.2	45.7	.2	34.8	.2	22.7	.2	9.4
.4	55.2	.4	45.5	.4	34.6	.4	22.5	.4	9.1
.6	55.1	.6	45.3	.6	34.3	.6	22.2	.6	8.9
.8	54.9	.8	45.1	.8	34.1	.8	22.0	.8	8.6
9.	54.7	19.	44.9	29.	33.9	39.	21.7	49.	8.3
.2	54.5	.2	44.7	.2	33.7	.2	21.4	.2	8.0
.4	54.3	.4	44.5	.4	33.4	.4	21.2	.4	7.7
.6	54.1	.6	44.2	.6	33.2	.6	20.9	.6	7.5
.8	53.9	.8	44.0	.8	32.9	.8	20.7	.8	7.2
10.	53.7	20.	43.8	30.	32.7	40.	20.4	50.	6.9

TEMPERATURE 77°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.9	60.	8.3	70.	25.8	80.	48.9	90.	76.5
.2	6.6	.2	8.6	.2	26.2	.2	49.4	.2	77.1
.4	6.3	.4	8.9	.4	26.6	.4	49.9	.4	77.7
.6	6.0	.6	9.3	.6	27.0	.6	50.4	.6	78.2
.8	5.7	.8	9.6	.8	27.4	.8	50.9	.8	78.8
51.	5.4	61.	9.9	71.	27.8	81.	51.4	91.	79.4
.2	5.1	.2	10.2	.2	28.2	.2	51.9	.2	80.0
.4	4.8	.4	10.5	.4	28.6	.4	52.3	.4	80.6
.6	4.6	.6	10.9	.6	29.0	.6	52.8	.6	81.1
.8	4.3	.8	11.2	.8	29.4	.8	53.2	.8	81.7
52.	4.0	62.	11.5	72.	29.8	82.	53.7	92.	82.3
.2	3.7	.2	11.8	.2	30.2	.2	54.2	.2	82.8
.4	3.4	.4	12.2	.4	30.6	.4	54.7	.4	83.4
.6	3.2	.6	12.5	.6	31.1	.6	55.1	.6	83.9
.8	2.9	.8	12.9	.8	31.5	.8	55.6	.8	84.5
53.	2.6	63.	13.2	73.	31.9	83.	56.1	93.	85.0
.2	2.3	.2	13.5	.2	32.3	.2	56.6	.2	85.5
.4	2.0	.4	13.9	.4	32.7	.4	57.1	.4	86.1
.6	1.7	.6	14.2	.6	33.2	.6	57.7	.6	86.6
.8	1.4	.8	14.6	.8	33.6	.8	58.2	.8	87.2
54.	1.1	64.	14.9	74.	34.0	84.	58.7	94.	87.7
.2	.8	.2	15.2	.2	34.5	.2	59.3	.2	88.2
.4	.5	.4	15.6	.4	34.9	.4	59.8	.4	88.8
.6	.2	.6	15.9	.6	35.4	.6	60.4	.6	89.3
.8	.1	.8	16.3	.8	35.8	.8	60.9	.8	89.9
55.	.4	65.	16.6	75.	36.3	85.	61.5	95.	90.4
.2	.7	.2	17.0	.2	36.8	.2	62.1	.2	90.9
.4	1.0	.4	17.3	.4	37.2	.4	62.7	.4	91.4
.6	1.3	.6	17.7	.6	37.7	.6	63.3	.6	91.9
.8	1.6	.8	18.0	.8	38.1	.8	63.9	.8	92.4
56.	1.9	66.	18.4	76.	38.6	6.	64.5	96.	92.9
.2	2.2	.2	18.8	.2	39.1	.2	65.1	.2	93.4
.4	2.5	.4	19.1	.4	39.5	8 .4	65.7	.4	93.9
.6	2.8	.6	19.5	.6	40.0	.6	66.2	.6	94.3
.8	3.1	.8	19.8	.8	40.4	.8	66.8	.8	94.8
57.	3.4	67.	20.2	77.	40.9	87.	67.4	97.	95.3
.2	3.7	.2	20.6	.2	41.4	.2	68.0	.2	95.8
.4	4.0	.4	20.9	.4	41.9	.4	68.6	.4	96.3
.6	4.4	.6	21.3	.6	42.4	.6	69.2	.6	96.7
.8	4.7	.8	21.6	.8	42.9	.8	69.8	.8	97.2
58.	5.0	68.	22.0	78.	43.4	88.	70.4	98.	97.7
.2	5.3	.2	22.4	.2	44.0	.2	71.0	.2	98.2
.4	5.7	.4	22.8	.4	44.5	.4	71.6	.4	98.6
.6	6.0	.6	23.1	.6	45.1	.6	72.3	.6	99.1
.8	6.4	.8	23.5	.8	45.6	.8	72.9	.8	99.5
59.	6.7	69.	23.9	79.	46.2	89.	73.5	99.	100.0
.2	7.0	.2	24.3	.2	46.7	.2	74.1	.2	——
.4	7.3	.4	24.7	.4	47.3	.4	74.7	.4	——
.6	7.7	.6	25.0	.6	47.8	.6	75.3	.6	——
.8	8.0	.8	25 4	.8	48.4	.8	75.9	.8	——
60.	8.3	70.	25.8	80.	48.9	90.	76.5	100.	——

TEMPERATURE 78°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.5	10.	53.5	20.	43.5	30.	32.4	40.	20.1
.2	62.3	.2	53.3	.2	43.3	.2	32.2	.2	19.8
.4	62.2	.4	53.1	.4	43.1	.4	31.9	.4	19.6
.6	62.0	.6	53.0	.6	42.8	.6	31.7	.6	19.3
.8	61.9	.8	52.8	.8	42.6	.8	31.4	.8	19.1
1.	61.7	11.	52.6	21.	42.4	31.	31.2	41.	18.8
.2	61.5	.2	52.4	.2	42.2	.2	31.0	.2	18.5
.4	61.3	.4	52.2	.4	42.0	.4	30.7	.4	18.3
.6	61.2	.6	52.0	.6	41.8	.6	30.5	.6	18.0
.8	61.0	.8	51.8	.8	41.6	.8	30.2	.8	17.8
2.	60.8	12.	51.6	22.	41.4	32.	30.0	42.	17.5
.2	60.6	.2	51.4	.2	41.2	.2	29.8	.2	17.2
.4	60.5	.4	51.2	.4	41.0	.4	29.5	.4	17.0
.6	60.3	.6	51.1	.6	40.7	.6	29.3	.6	16.7
.8	60.2	.8	50.9	.8	40.5	.8	29.0	.8	16.5
3.	60.0	13.	50.7	23.	40.3	33.	28.8	43.	16.2
.2	59.8	.2	50.5	.2	40.1	.2	28.6	.2	15.9
.4	59.6	.4	50.3	.4	39.9	.4	28.3	.4	15.7
.6	59.5	.6	50.1	.6	39.6	.6	28.1	.6	15.4
.8	59.3	.8	49.9	.8	39.4	.8	27.8	.8	15.2
4.	59.1	14.	49.7	24.	39.2	34.	27.6	44.	14.9
.2	58.9	.2	49.5	.2	39.0	.2	27.4	.2	14.6
.4	58.7	.4	49.3	.4	38.8	.4	27.1	.4	14.3
.6	58.6	.6	49.1	.6	38.5	.6	26.9	.6	14.1
.8	58.4	.8	48.9	.8	38.3	.8	26.6	.8	13.8
5.	58.2	15.	48.7	25.	38.1	35.	26.4	45.	13.5
.2	58.0	.2	48.5	.2	37.9	.2	26.2	.2	13.2
.4	57.8	.4	48.3	.4	37.7	.4	25.9	.4	13.0
.6	57.7	.6	48.0	.6	37.4	.6	25.7	.6	12.7
.8	57.5	.8	47.8	.8	37.2	.8	25.4	.8	12.5
6.	57.3	16.	47.6	26.	37.0	36.	25.2	46.	12.2
.2	57.1	.2	47.4	.2	36.8	.2	24.9	.2	11.9
.4	56.9	.4	47.2	.4	36.6	.4	24.7	.4	11.6
.6	56.7	.6	47.0	.6	36.3	.6	24.4	.6	11.4
.8	56.5	.8	46.8	.8	36.1	.8	24.2	.8	11.1
7.	56.3	17.	46.6	27.	35.9	37.	23.9	47.	10.8
.2	56.1	.2	46.4	.2	35.7	.2	23.6	.2	10.5
.4	55.9	.4	46.2	.4	35.4	.4	23.4	.4	10.2
.6	55.8	.6	46.0	.6	35.2	.6	23.1	.6	10.0
.8	55.6	.8	45.8	.8	34.9	.8	22.9	.8	9.7
8.	55.4	18.	45.6	28.	34.7	38.	22.6	48.	9.4
.2	55.2	.2	45.4	.2	34.5	.2	22.3	.2	9.1
.4	55.0	.4	45.2	.4	34.3	.4	22.1	.4	8.8
.6	54.9	.6	45.0	.6	34.0	.6	21.8	.6	8.6
.8	54.7	.8	44.8	.8	33.8	.8	21.6	.8	8.3
9.	54.5	19.	44.6	29.	33.6	39.	21.3	49.	8.0
.2	54.3	.2	44.4	.2	33.4	.2	21.1	.2	7.7
.4	54.1	.4	44.2	.4	33.1	.4	20.8	.4	7.4
.6	53.9	.6	43.9	.6	32.9	.6	20.6	.6	7.2
.8	53.7	.8	43.7	.8	32.6	.8	20.3	.8	6.9
10.	53.5	20.	43.5	30.	32.4	40.	20.1	50.	6.6

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.6	60.	8.7	70.	26.3	80.	49.4	90.	76.7
.2	6.3	.2	9.0	.2	26.7	.2	49.9	.2	77.3
.4	6.0	.4	9.3	.4	27.1	.4	50.4	.4	77.9
.6	5.7	.6	9.7	.6	27.5	.6	50.8	.6	78.4
.8	5.4	.8	10.0	.8	27.9	.8	51.3	.8	79.0
51.	5.1	61.	10.3	71.	28.3	81.	51.8	91.	79.6
.2	4.8	.2	10.6	.2	28.7	.2	52.3	.2	80.2
.4	4.5	.4	10.9	.4	29.1	.4	52.7	.4	80.8
.6	4.3	.6	11.3	.6	29.5	.6	53.2	.6	81.3
.8	4.0	.8	11.6	.8	29.9	.8	53.6	.8	81.9
52.	3.7	62.	11.9	72.	30.3	82.	54.1	92.	82.5
.2	3.4	.2	12.3	.2	30.7	.2	54.6	.2	83.0
.4	3.1	.4	12.6	.4	31.1	.4	55.1	.4	83.6
.6	2.8	.6	13.0	.6	31.6	.6	55.5	.6	84.1
.8	2.5	.8	13.3	.8	32.0	.8	56.0	.8	84.7
53.	2.2	63.	13.7	73.	32.4	83.	56.5	93.	85.2
.2	1.9	.2	14.0	.2	32.8	.2	57.0	.2	85.7
.4	1.6	.4	14.3	.4	33.2	.4	57.5	.4	86.3
.6	1.4	.6	14.7	.6	33.7	.6	58.0	.6	86.8
.8	1.1	.8	15.0	.8	34.1	.8	58.5	.8	87.4
54.	.8	64.	15.3	74.	34.5	84.	59.0	94.	87.9
.2	.5	.2	15.7	.2	35.0	.2	59.6	.2	88.4
.4	.2	.4	16.0	.4	35.4	.4	60.1	.4	88.9
.6	.2	.6	16.4	.6	35.9	.6	60.7	.6	89.5
.8	.5	.8	16.7	.8	36.3	.8	61.2	.8	90.0
55.	.8	65.	17.1	75.	36.8	85.	61.8	95.	90.5
.2	1.1	.2	17.5	.2	37.3	.2	62.4	.2	91.0
.4	1.4	.4	17.8	.4	37.7	.4	63.0	.4	91.5
.6	1.7	.6	18.2	.6	38.2	.6	63.6	.6	92.1
.8	2.0	.8	18.5	.8	38.6	.8	64.2	.8	92.6
56.	2.3	66.	18.9	76.	39.1	86.	64.8	96.	93.1
.2	2.6	.2	19.3	.2	39.6	.2	65.4	.2	93.6
.4	2.9	.4	19.6	.4	40.0	.4	66.0	.4	94.1
.6	3.2	.6	20.0	.6	40.5	.6	66.5	.6	94.5
.8	3.5	.8	20.3	.8	40.9	.8	67.1	.8	95.0
57.	3.8	67.	20.7	77.	41.4	87.	67.7	97.	95.5
.2	4.1	.2	21.1	.2	41.9	.2	68.3	.2	96.0
.4	4.4	.4	21.4	.4	42.4	.4	68.9	.4	96.5
.6	4.8	.6	21.8	.6	43.0	.6	69.5	.6	96.9
.8	5.1	.8	22.1	.8	43.5	.8	70.1	.8	97.4
58.	5.4	68.	22.5	78.	44.0	88.	70.7	98.	97.9
.2	5.7	.2	22.9	.2	44.5	.2	71.3	.2	98.3
.4	6.1	.4	23.3	.4	45.1	.4	71.9	.4	98.8
.6	6.4	.6	23.6	.6	45.6	.6	72.6	.6	99.2
.8	6.8	.8	24.0	.8	46.2	.8	73.2	.8	99.7
59.	7.1	69.	24.4	79.	46.7	89.	73.8	99.	———
.2	7.4	.2	24.8	.2	47.2	.2	74.4	.2	———
.4	7.7	.4	25.2	.4	47.8	.4	75.0	.4	———
.6	8.1	.6	25.5	.6	48.3	.6	75.5	.6	———
.8	8.4	.8	25.9	.8	48.9	.8	76.1	.8	———
60.	8.7	70.	26.3	80.	49.4	90.	76.7	100.	———

TEMPERATURE 79°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.3	10.	53.2	20.	43.2	30.	32.0	40.	19.7
.2	62.1	.2	53.0	.2	43.0	.2	31.8	.2	19.5
.4	61.9	.4	52.8	.4	42.8	.4	31.6	.4	19.2
.6	61.8	.6	52.7	.6	42.5	.6	31.3	.6	19.0
.8	61.6	.8	52.5	.8	42.3	.8	31.1	.8	18.7
1.	61.4	11.	52.3	21.	42.1	31.	30.9	41.	18.5
.2	61.2	.2	52.1	.2	41.9	.2	30.7	.2	18.2
.4	61.0	.4	51.9	.4	41.7	.4	30.4	.4	18.0
.6	60.9	.6	51.7	.6	41.5	.6	30.2	.6	17.7
.8	60.7	.8	51.5	.8	41.3	.8	29.9	.8	17.5
2.	60.5	12.	51.3	22.	41.1	32.	29.7	42.	17.2
.2	60.3	.2	51.1	.2	40.9	.2	29.5	.2	16.9
.4	60.2	.4	50.9	.4	40.7	.4	29.2	.4	16.7
.6	60.0	.6	50.8	.6	40.4	.6	29.0	.6	16.4
.8	59.9	.8	50.6	.8	40.2	.8	28.7	.8	16.2
3.	59.7	13.	50.4	23.	40.0	33.	28.5	43.	15.9
.2	59.5	.2	50.2	.2	39.8	.2	28.3	.2	15.6
.4	59.3	.4	50.0	.4	39.6	.4	28.0	.4	15.4
.6	59.2	.6	49.8	.6	39.3	.6	27.8	.6	15.1
.8	59.0	.8	49.6	.8	39.1	.8	27.5	.8	14.9
4.	58.8	14.	49.4	24.	38.9	34.	27.3	44.	14.6
.2	58.6	.2	49.2	.2	38.7	.2	27.1	.2	14.3
.4	58.4	.4	49.0	.4	38.5	.4	26.8	.4	14.0
.6	58.3	.6	48.8	.6	38.2	.6	26.6	.6	13.8
.8	58.1	.8	48.6	.8	38.0	.8	26.3	.8	13.5
5.	57.9	15.	48.4	25.	37 8	35.	26.1	45.	13.2
.2	57.7	.2	48.2	.2	37.6	.2	25.9	.2	12.9
.4	57.5	.4	48.0	.4	37.4	.4	25.6	.4	12.6
.6	57.4	.6	47.7	.6	37.1	.6	25.4	.6	12.4
.8	57.2	.8	47.5	.8	36.9	.8	25.1	.8	12.1
6.	57.0	16.	47.3	26.	36.7	36.	24.9	46.	11.8
.2	56.8	.2	47.1	.2	36.5	.2	24.6	.2	11.5
.4	56.6	.4	46.9	.4	36.3	.4	24.4	.4	11.2
.6	56.4	.6	46.7	.6	36.0	.6	24.1	.6	11.0
.8	56.2	.8	46.5	.8	35.8	.8	23.9	.8	10.7
7.	56.0	17.	46.3	27.	35.6	37.	23.6	47.	10.4
.2	55.8	.2	46.1	.2	35.4	.2	23.3	.2	10.1
.4	55.6	.4	45.9	.4	35.1	.4	23.1	.4	9.8
.6	55.5	.6	45.7	.6	34.9	.6	22.8	.6	9.6
.8	55.3	.8	45.5	.8	34.6	.8	22.6	.8	9.3
8.	55.1	18.	45.3	28.	34.4	38.	22.3	48.	9.0
.2	54.9	.2	45.1	.2	34.2	.2	22.0	.2	8.7
.4	54.7	.4	44.9	.4	33.9	.4	21.8	.4	8.4
.6	54.6	.6	44.7	.6	33.7	.6	21.5	.6	8.2
.8	54.4	.8	44.5	.8	33.4	.8	21.3	.8	7.9
9.	54.2	19.	44.3	29.	33.2	39.	21.0	49.	7.6
.2	54.0	.2	44.1	.2	33.0	.2	20.7	.2	7.3
.4	53.8	.4	43.9	.4	32.7	.4	20.5	.4	7.0
.6	53.6	.6	43.6	.6	32.5	.6	20.2	.6	6.8
.8	53.4	.8	43.4	.8	32.2	.8	20.0	.8	6.5
10.	53.2	20.	43.2	30.	32.0	40.	19.7	50.	6.2

TEMPERATURE 79°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	6.2	60.	9.1	70.	26.7	80.	49.9	90.	77.0
.2	5.9	.2	9.4	.2	27.1	.2	50.4	.2	77.6
.4	5.6	.4	9.7	.4	27.5	.4	50.8	.4	78.1
.6	5.4	.6	10.1	.6	27.9	.6	51.3	.6	78.7
.8	5.1	.8	10.4	.8	28.3	.8	51.7	.8	79.2
51.	4.8	61.	10.7	71.	28.7	81.	52.2	91.	79.8
.2	4.5	.2	11.0	.2	29.1	.2	52.7	.2	80.4
.4	4.2	.4	11.3	.4	29.5	.4	53.1	.4	80.9
6	3.9	.6	11.7	.6	29.9	.6	53.6	.6	81.5
.8	3.6	.8	12.0	.8	30.3	.8	54.0	.8	82.0
52.	3.3	62.	12.3	72.	30.7	82.	54.5	92.	82.6
.2	3.0	.2	12.6	.2	31.1	.2	55.0	.2	83.2
.4	2.7	.4	13.0	.4	31.5	.4	55.5	.4	83.7
.6	2.5	.6	13.3	.6	32.0	.6	55.9	.6	84.3
.8	2.2	.8	13.7	.8	32.4	.8	56.4	.8	84.8
53.	1.9	63.	14.0	73.	32.8	83.	56.9	93.	85.4
.2	1.6	.2	14.3	.2	33.2	.2	57.4	.2	85.9
.4	1.3	.4	14.7	.4	33.7	.4	57.9	.4	86.5
.6	1.0	.6	15.0	.6	34.1	.6	58.4	.6	87.0
.8	.7	.8	15.4	.8	34.6	.8	58.9	.8	87.6
54.	.4	64.	15.7	74.	35.0	84.	59.4	94.	88.1
.2	.1	.2	16.1	.2	35.5	.2	59.9	.2	88.6
.4	.2	.4	16.4	.4	35.9	.4	60.5	.4	89.1
.6	.5	.6	16.8	.6	36.4	.6	61.0	.6	89.7
.8	.8	.8	17.1	.8	36.8	.8	61.6	.8	90.2
55.	1.1	65.	17.5	75.	37.3	85.	62.1	95.	90.7
.2	1.4	.2	17.9	.2	37.8	.2	62.7	.2	91.2
.4	1.7	.4	18.2	.4	38.2	.4	63.3	.4	91.7
.6	2.1	.6	18.6	.6	38.7	.6	63.9	.6	92.2
.8	2.4	.8	18.9	.8	39.1	.8	64.5	.8	92.7
56.	2.7	66.	19.3	76.	39.6	86.	65.1	96.	93.2
.2	3.0	.2	19.7	.2	40.1	.2	65.7	.2	93.7
.4	3.3	.4	20.0	.4	40.5	.4	66.3	.4	94.2
.6	3.6	.6	20.4	.6	41.0	.6	66.8	.6	94.6
.8	3.9	.8	20.7	.8	41.4	.8	67.4	.8	95.1
57.	4.2	67.	21.1	77.	41.9	87.	68.0	97.	95.6
.2	4.5	.2	21.5	.2	42.4	.2	68.6	.2	96.1
.4	4.8	.4	21.8	.4	42.9	.4	69.2	.4	96.6
.6	5.2	.6	22.2	.6	43.5	.6	69.7	.6	97.0
.8	5.5	.8	22.5	.8	44.0	.8	70.3	.8	97.5
58.	5.8	68.	22.9	78.	44.5	88.	70.9	98.	98.0
.2	6.1	.2	23.3	.2	45.0	.2	71.5	.2	98.5
.4	6.4	.4	23.7	.4	45.6	.4	72.1	.4	98.9
.6	6.8	.6	24.0	.6	46.1	.6	72.8	.6	99.4
.8	7.1	.8	24.4	.8	46.7	.8	73.4	.8	99.8
59.	7.4	69.	24.8	79.	47.2	89.	74.0	99.	——
.2	7.7	.2	25.2	.2	47.7	.2	74.6	.2	——
.4	8.1	.4	25.6	.4	48.3	.4	75.2	.4	——
.6	8.4	.6	25.9	.6	48.8	.6	75.8	.6	——
.8	8.8	.8	26.3	.8	49.4	.8	76.4	.8	——
60.	9.1	70.	26.7	80.	49.9	90.	77.0	100.	——

TEMPERATURE 80°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. over Proof.
0.	62.0	10.	52.9	20.	42.9	30.	31.7	40.	19.4
.2	61.8	.2	52.7	.2	42.7	.2	31.5	.2	19.1
.4	61.6	.4	52.5	.4	42.5	.4	31.3	.4	18.9
.6	61.5	.6	52.4	.6	42.2	.6	31.0	.6	18.6
.8	61.3	.8	52.2	.8	42.0	.8	30.8	.8	18.4
1	61.1	11.	52.0	21.	41.8	31.	30.6	41.	18.1
.2	60.9	.2	51.8	.2	41.6	.2	30.4	.2	17.8
.4	60.7	.4	51.6	.4	41.4	.4	30.1	.4	17.6
.6	60.6	.6	51.4	.6	41.2	.6	29.9	.6	17.3
.8	60.4	.8	51.2	.8	41.0	.8	29.6	.8	17.1
2.	60.2	12.	51.0	22.	40.8	32.	29.4	42.	16.8
.2	60.0	.2	50.8	.2	40.6	.2	29.2	.2	16.5
.4	59.9	.4	50.6	.4	40.4	.4	28.9	.4	16.3
.6	59.7	.6	50.5	.6	40.1	.6	28.7	.6	16.0
.8	59.6	.8	50.3	.8	39.9	.8	28.4	.8	15.8
3.	59.4	13.	50.1	23.	39.7	33.	28.2	43.	15.5
.2	59.2	.2	49.9	.2	39.5	.2	28.0	.2	15.2
.4	59.0	.4	49.7	.4	39.3	.4	27.7	.4	15.0
.6	58.9	.6	49.5	.6	39.0	.6	27.5	.6	14.7
.8	58.7	.8	49.3	.8	38.8	.8	27.2	.8	14.5
4.	58.5	14.	49.1	24.	38.6	34.	27.0	44.	14.2
.2	58.3	.2	48.9	.2	38.4	.2	26.8	.2	13.9
.4	58.1	.4	48.7	.4	38.2	.4	26.5	.4	13.6
.6	58.0	.6	48.5	.6	37.9	.6	26.3	.6	13.4
.8	57.8	.8	48.3	.8	37.7	.8	26.0	.8	13.1
5.	57.6	15.	48.1	25.	37.5	35.	25.8	45.	12.8
.2	57.4	.2	47.9	.2	37.3	.2	25.6	.2	12.5
.4	57.2	.4	47.7	.4	37.0	.4	25.3	.4	12.2
.6	57.1	.6	47.4	.6	36.8	.6	25.1	.6	12.0
.8	56.9	.8	47.2	.8	36.5	.8	24.8	.8	11.7
6.	56.7	16.	47.0	26.	36.3	36.	24.6	46.	11.4
.2	56.5	.2	46.8	.2	36.1	.2	24.3	.2	11.1
.4	56.3	.4	46.6	.4	35.9	.4	24.1	.4	10.9
.6	56.1	.6	46.4	.6	35.6	.6	23.8	.6	10.6
.8	55.9	.8	46.2	.8	35.4	.8	23.6	.8	10.4
7.	55.7	17.	46.0	27.	35.2	37.	23.3	47.	10.1
.2	55.5	.2	45.8	.2	35.0	.2	23.0	.2	9.8
.4	55.3	.4	45.6	.4	34.8	.4	22.8	.4	9.5
.6	55.2	.6	45.4	.6	34.5	.6	22.5	.6	9.3
.8	55.0	.8	45.2	.8	34.3	.8	22.3	.8	9.0
8.	54.8	18.	45.0	28.	34.1	38.	22.0	48.	8.7
.2	54.6	.2	44.8	.2	33.9	.2	21.7	.2	8.4
.4	54.4	.4	44.6	.4	33.6	.4	21.5	.4	8.1
.6	54.3	.6	44.4	.6	33.4	.6	21.2	.6	7.9
.8	54.1	.8	44.2	.8	33.1	.8	21.0	.8	7.6
9.	53.9	19.	44.0	29.	32.9	39.	20.7	49.	7.3
.2	53.7	.2	43.8	.2	32.7	.2	20.4	.2	7.0
.4	53.5	.4	43.6	.4	32.4	.4	20.2	.4	6.7
.6	53.3	.6	43.3	.6	32.2	.6	19.9	.6	6.4
.8	53.1	.8	43.1	.8	31.9	.8	19.7	.8	6.1
10.	52.9	20.	42.9	30.	31.7	40.	19.4	50.	5.8

TEMPERATURE 80°.

Wts. & Divs. on Stem.	Per Cent. over Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.	Wts. & Divs. on Stem.	Per Cent. under Proof.
50.	5.8	60.	9.5	70.	27.2	80.	50.4	90.	77.2
.2	5.5	.2	9.8	.2	27.6	.2	50.8	.2	77.8
.4	5.2	.4	10.2	.4	28.0	.4	51.3	.4	78.3
.6	5.0	.6	10.5	.6	28.4	.6	51.7	.6	78.9
.8	4.7	.8	10.9	.8	28.8	.8	52.2	.8	79.4
51.	4.4	61.	11.2	71.	29.2	81.	52.6	91.	80.0
.2	4.1	.2	11.5	.2	29.6	.2	53.1	.2	80.6
.4	3.8	.4	11.8	.4	30.0	.4	53.5	.4	81.1
.6	3.6	.6	12.2	.6	30.4	.6	54.0	.6	81.7
.8	3.3	.8	12.5	.8	30.8	.8	54.4	.8	82.2
52.	3.0	62.	12.8	72.	31.2	82.	54.9	92.	82.8
.2	2.7	.2	13.1	.2	31.6	.2	55.4	.2	83.4
.4	2.4	.4	13.4	.4	32.0	.4	55.9	.4	83.9
.6	2.1	.6	13.8	.6	32.5	.6	56.3	.6	84.5
.8	1.8	.8	14.1	.8	32.9	.8	56.8	.8	85.0
53.	1.5	63.	14.4	73.	33.3	83.	57.3	93.	85.6
.2	1.2	.2	14.7	.2	33.7	.2	57.8	.2	86.1
.4	.9	.4	15.1	.4	34.2	.4	58.3	.4	86.7
.6	.6	.6	15.4	.6	34.6	.6	58.7	.6	87.2
.8	.3	.8	15.8	.8	35.1	.8	59.2	.8	87.8
54.	——	64.	16.1	74.	35.5	84.	59.7	94.	88.3
.2	.3	.2	16.5	.2	36.0	.2	60.3	.2	88.8
.4	.6	.4	16.8	.4	36.4	.4	60.8	.4	89.3
.6	.9	.6	17.2	.6	36.9	.6	61.4	.6	89.9
.8	1.2	.8	17.5	.8	37.3	.8	61.9	.8	90.4
55.	1.5	65.	17.9	75.	37.8	85.	62.5	95.	90.9
.2	1.8	.2	18.3	.2	38.3	.2	63.1	.2	91.4
.4	2.1	.4	18.6	.4	38.7	.4	63.7	.4	91.9
.6	2.5	.6	19.0	.6	39.2	.6	64.2	.6	92.4
.8	2.8	.8	19.3	.8	39.6	.8	64.8	.8	92.9
56.	3.1	66.	19.7	76.	40.1	86.	65.4	96.	93.4
.2	3.4	.2	20.1	.2	40.6	.2	66.0	.2	93.9
.4	3.7	.4	20.5	.4	41.1	.4	66.6	.4	94.4
.6	4.0	.6	20.8	.6	41.5	.6	67.1	.6	94.8
.8	4.3	.8	21.2	.8	42.0	.8	67.7	.8	95.3
57.	4.6	67.	21.6	77.	42.5	87.	68.3	97.	95.8
.2	4.9	.2	22.0	.2	43.0	.2	68.9	.2	96.3
.4	5.2	.4	22.3	.4	43.5	.4	69.5	.4	96.8
.6	5.6	.6	22.7	.6	44.1	6	70.0	.6	97.2
.8	5.9	.8	23.0	.8	44.6	.8	70.6	.8	97.7
58.	6.2	68.	23.4	78.	45.1	88.	71.2	98.	98.2
.2	6.5	.2	23.8	.2	45.6	.2	71.8	.2	98.6
.4	6.8	.4	24.2	.4	46.2	.4	72.4	.4	99.1
.6	7.2	.6	24.5	.6	46.7	.6	73.1	.6	99.5
.8	7.5	.8	24.9	.8	47.3	.8	73.7	.8	100.0
59.	7.8	69.	25.3	79.	47.8	89.	74.3	99.	——
.2	8.1	.2	25.7	.2	48.3	.2	74.9	.2	——
.4	8.5	.4	26.1	.4	48.8	.4	75.5	.4	——
.6	8.8	.6	26.4	.6	49.4	.6	76.0	.6	——
.8	9.2	.8	26.8	.8	49.9	.8	76.6	.8	——
60.	9.5	70.	27.2	80.	50.4	90.	77.2	100.	——

SPECIFIC GRAVITY TABLES

ADAPTED TO

SIKES' HYDROMETER.

THE following Tables of Specific Gravity, constructed from those of URE, at temperature 51°, show the specific gravity of spirits from 70 over proof down to water at every temperature, which specific gravity is the decimal part per imperial gallon. The imperial gallon of distilled water, at a temperature of 60°, weighs 10 lbs. avoirdupois, the specific gravity being denoted as 1000; therefore a gallon of spirits at the same temperature, the specific gravity of which is 900, weighs 9 lbs. per gallon.

TO USE THE TABLES.

Find the strength and temperature in the *foregoing* Tables, and facing the strength will be found the Hydrometric Indication, which note; then refer to these Specific Gravity Tables for the indication so found, against which is denoted the specific gravity, or decimal weight per gallon.

EXAMPLES.

1. To find the specific gravity of proof spirits at temperature 60°: open Sikes's tables at 60°, and facing proof will be found 58·8, then turning to these Specific Gravity Tables for that indication (58·8), against which will be 9:196, the true specific gravity at 60° temperature, or 9lbs. 3oz. 3drms. per imperial gallon.

2. To find the specific gravity of spirits at 60° over proof at temperature 70°: facing 60 over proof at temperature 70°, the indication will be 5·2, and against 5·2 in these Specific Gravity Tables will be found 8·242 specific gravity, or 8lbs. 3oz. 3drms. per imperial gallon.

3. To find the specific gravity of spirits at 30 under proof at temperature 58°: against it will be found 76, and facing

76 in the Specific Gravity Tables is 9·525, or 9 lbs. 8oz .7½ drms. per imperial gallon.

NOTE.—In using the Tables No. 2, the right hand figure of the indication found in Tables No. 1 is, if under 5, to be omitted, and if over 5, 1 is to be added to the preceding— thus, 8·242 should be read 8·24, and 9·196—9·20.

These Tables (No. 2) are used to readily convert specific gravity into pounds weight per imperial gallon. The first or left hand figure of the specific gravity being taken as pounds, the decimal parts will, by these Tables, be rendered in ounces and drachms—thus, in reading 8·242, or 8·24, the 8 is to be written pounds, and against 24 in these Tables will be found 3oz 13drms.═8lbs. 3oz. 13drms.

———— ——

EXAMPLE.

To find the weight per gallon at proof, temperature 60°, the specific gravity is 9·196.

	lbs.	oz.	dms.
900 . . . . . . is	9	0	0
·196 or 20 . . . . is	0	3	3

| | 9 | 3 | 3 per imp. gall. |

To find the weight per gallon at 60 over proof, temperature 70°, the specific gravity is 8·242.

	lbs.	oz.	dms.
800 . . . . is	8	0	0
·242 or 24 . . . . is	0	3	13

| | 8 | 3 | 13 per imp. gall. |

To find the weight per gallon at 30 under proof, temperature 58°, the specific gravity is 9·525.

	lbs.	oz.	dms.
900 . . . . . . is	9	0	0
·525 . . . . . . is	0	8	7½

| | 9 | 8 | 7½ per imp. gall. |

SPECIFIC GRAVITY.—TABLE I.

Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.
0.	8.154	10.	8.323	20.	8.495	30.	8.670	40.	8.849
.2	8.157	.2	8.326	.2	8.498	.2	8.674	.2	8.853
.4	8.161	.4	8.330	.4	8.502	.4	8.677	.4	8.856
.6	8.164	.6	8.333	.6	8.505	.5	8.681	.6	8.860
.8	8.168	.8	8.337	.8	8.509	.8	8.684	.8	8.863
1.	8.171	11.	8.340	21.	8.512	31.	8.688	41.	8.867
.2	8.174	.2	8.343	.2	8.516	.2	8.692	.2	8.871
.4	8.178	.4	8.347	.4	8.519	.4	8.695	.4	8.874
.6	8.181	.6	8.350	.6	8.523	.6	8.699	.6	8.878
.8	8.185	.8	8.354	.8	8.526	.8	8.702	.8	8.881
2.	8.188	12.	8.357	22.	8.530	32.	8.706	42.	8.885
.2	8.191	.2	8.361	.2	8.533	.2	8.709	.2	8.889
.4	8.195	.4	8.364	.4	8.537	.4	8.713	.4	8.892
.6	8.198	.6	8 368	.6	8.540	.6	8.716	.6	8.896
.8	8.202	.8	8.371	.8	8.544	.8	8.720	.8	8.899
3.	8.205	13.	8.375	23.	8.547	33.	8.723	43.	8 903
.2	8.208	.2	8.378	.2	8.551	.2	8.727	.2	8.907
.4	8.212	.4	8.382	.4	8.554	.4	8.730	.4	8.911
.6	8.215	.6	8.385	.6	8.558	.6	8.734	.6	8.914
.8	8.219	.8	8.389	.8	8.561	.8	8.737	.8	8.918
4.	8.222	14.	8.392	24.	8.565	34.	8.741	44.	8.922
.2	8.225	.2	8.395	.2	8.568	.2	8.745	.2	8.926
.4	8.229	.4	8.399	.4	8.572	.4	8.748	.4	8.929
.6	8.232	.6	8.402	.6	8.575	.6	8.752	.6	8.933
.8	8.236	.8	8.406	.8	8.579	.8	8.755	.8	8.936
5.	8.239	15.	8.409	25.	8.582	35.	8.759	45.	8.940
.2	8.242	.2	8.412	.2	8.586	.2	8.763	.2	8.944
.4	8.245	.4	8.416	.4	8.589	.4	8.766	.4	8.947
.6	8.249	.6	8.419	.6	8.593	.6	8.770	.6	8.951
.8	8.252	.8	8 423	.8	8.596	.8	8.773	.8	8.954
6.	8.255	16.	8.426	26.	8.600	36.	8.777	46.	8.958
.2	8.258	.2	8.429	.2	8.603	.2	8.781	.2	8.962
.4	8.262	.4	8.433	.4	8.607	.4	8.784	.4	8.965
.6	8.265	.6	8.436	.6	8.610	.6	8.788	.6	8.969
.8	8.269	.8	8.440	.8	8.614	.8	8.791	.8	8.972
7.	8.272	17.	8.443	27.	8.617	37.	8.795	47.	8.976
.2	8 275	.2	8.446	.2	8.620	.2	8.799	.2	8.980
.4	8.279	.4	8.450	.4	8.624	.4	8.802	.4	8.984
.6	8.282	.6	8.453	.6	8.628	.6	8.806	.6	8.987
.8	8.286	.8	8.457	.8	8.631	.8	8.809	.8	8.991
8.	8.289	18.	8.460	28.	8.635	38.	8.813	48.	8.995
.2	8.292	.2	8.464	.2	8.639	.2	8.817	.2	8.999
.4	8.296	.4	8.467	.4	8.642	.4	8.820	.4	9.002
.6	8.299	.6	8.471	.6	8.646	.6	8.824	.6	9.006
.8	8.303	.8	8.474	.8	8.649	.8	8.827	.8	9.009
9.	8.306	19.	8.478	29.	8.653	39.	8.831	49.	9.013
.2	8.309	.2	8.481	.2	8.656	.2	8.835	.2	9.017
.4	8.313	.4	8.485	.4	8.660	.4	8.838	.4	9.021
.6	8.316	.6	8.488	.6	8.663	.6	8.842	.6	9.024
.8	8.320	.8	8.492	.8	8.667	.8	8.845	.8	9.028
10.	8.323	20.	8.495	30.	8.670	40.	8.849	50.	9.032

Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specifie Gravity.	Wts. & Divs. on Stem.	Specific Gravity.	Wts. & Divs. on Stem.	Specific Gravity.
50.	9.032	60.	9.218	70.	9.409	80.	9.604	90.	9.800
.2	9.036	.2	9.222	.2	9.413	.2	9.608	.2	9.804
.4	9.039	.4	9.226	.4	9.417	.4	9.612	.4	9.808
.6	9.043	.6	9.229	.6	9.420	.6	9.615	.6	9.812
.8	9.046	.8	9.233	.8	9.424	.8	9.619	.8	9.816
51.	9.050	61.	9.237	71.	9.428	81.	9.623	91.	9.820
.2	9.054	.2	9.241	.2	9.432	.2	9.627	.2	9.824
.4	9.058	.4	9.245	.4	9.436	.4	9.631	.4	9.828
.6	9.061	.6	9.248	.6	9.440	.6	9.635	.6	9.832
.8	9.065	.8	9.252	.8	9.444	.8	9.639	.8	9.836
52.	9.069	62.	9.256	72.	9.448	82.	9.643	92.	9.840
.2	9.073	.2	9.260	.2	9.452	.2	9.647	.2	9.844
.4	9.076	.4	9.264	.4	9.456	.4	9.651	.4	9.848
.6	9.080	.6	9.267	.6	9.459	.6	9.655	.6	9.852
.8	9.083	.8	9.271	.8	9.463	.8	9.659	.8	9.856
53.	9.087	63.	9.275	73.	9.467	83.	9.663	93.	9.860
.2	9.091	.2	9.279	.2	9.471	.2	9.667	.2	9.864
.4	9.095	.4	9.283	.4	9.475	.4	9.671	.4	9.868
.6	9.098	.6	9.286	.6	9.479	.6	9.674	.6	9.872
.8	9.102	.8	9.290	.8	9.483	.8	9.678	.8	9.876
54.	9.106	64.	9.294	74.	9.487	84.	9.682	94.	9.880
.2	9.110	.2	9.298	.2	9.491	.2	9.686	.2	9.884
.4	9.114	.4	9.302	.4	9.495	.4	9.690	.4	9.888
.6	9.117	.6	9.305	.6	9.498	.6	9.694	.6	9.892
.8	9.121	.8	9.309	.8	9.502	.8	9.698	.8	9.896
55.	9.125	65.	9.313	75.	9.506	85.	9.702	95.	9.900
.2	9.129	.2	9.317	.2	9.510	.2	9.706	.2	9.904
.4	9.132	.4	9.321	.4	9.514	.4	9.710	.4	9.908
.6	9.136	.6	9.324	.6	9.517	.6	9.714	.6	9.913
.8	9.139	.8	9.328	.8	9.521	.8	9.718	.8	9.917
56.	9.143	66.	9.332	76.	9.525	86.	9.722	96.	9.921
.2	9.147	.2	9.336	.2	9.529	.2	9.726	.2	9.925
.4	9.151	.4	9.340	.4	9.533	.4	9.730	.4	9.929
.6	9.154	.6	9.344	.6	9.537	.6	9.733	.6	9.934
.8	9.158	.8	9.348	.8	9.541	.8	9.737	.8	9.938
57.	9.162	67.	9.352	77.	9.545	87.	9.741	97.	9.942
.2	9.166	.2	9.356	.2	9.549	.2	9.745	.2	9.946
.4	9.170	.4	9.360	.4	9.553	.4	9.749	.4	9.950
.6	9.173	.6	9.363	.6	9.557	.6	9.753	.6	9.955
.8	9.177	.8	9.367	.8	9.561	.8	9.757	.8	9.959
58.	9.181	68.	9.371	78.	9.565	88.	9.761	98.	9.963
.2	9.185	.2	9.375	.2	9.569	.2	9.765	.2	9.967
.4	9.189	.4	9.379	.4	9.573	.4	9.769	.4	9.972
.6	9.192	.6	9.382	.6	9.576	.6	9.773	.6	9.976
.8	9.196	.8	9.386	.8	9.580	.8	9.777	.8	9.981
59.	9.200	69.	9.390	79.	9.584	89.	9.781	99.	9.985
.2	9.204	.2	9.394	.2	9.588	.2	9.785	.2	9.989
.4	9.207	.4	9.398	.4	9.592	.4	9.789	.4	9.994
.6	9.211	.6	9.401	.6	9.596	.6	9.792	.6	9.998
.8	9.214	.8	9.405	.8	9.600	.8	9.796	.8	10.003
60.	9.218	70.	9.409	80.	9.604	90.	9.800	100.	10.007

TABLE 2.

Degrees of Specific Gravity.	Oz.	Drachms.	Degrees of Specific Gravity.	Oz.	Drachms.	Degrees of Specific Gravity.	Oz.	Drachms.	Degrees of Specific Gravity.	Oz.	Drachms.
1	0	2½	26	4	2½	51	8	2½	76	12	2½
2	0	5	27	4	5	52	8	5	77	12	5
3	0	7½	28	4	7½	53	8	7½	78	12	7½
4	0	10	29	4	10	54	8	10	79	12	10
5	0	12½	30	4	12½	55	8	12½	80	12	12½
6	0	15	31	4	15	56	8	15	81	12	15
7	1	1½	32	5	1½	57	9	1½	82	13	1½
8	1	4½	33	5	4½	58	9	4½	83	13	4½
9	1	7	34	5	7	59	9	7	84	13	7
10	1	9½	35	5	9½	60	9	9½	85	13	9½
11	1	12	36	5	12	61	9	12	86	13	12
12	1	14½	37	5	14½	62	9	14½	87	13	14½
13	2	1	38	6	1	63	10	1	88	14	1
14	2	3½	39	6	3½	64	10	3½	89	14	3½
15	2	6	40	6	6	65	10	6	90	14	6
16	2	8½	41	6	8½	66	10	8½	91	14	8½
17	2	11½	42	6	11½	67	10	11½	92	14	11½
18	2	14	43	6	14	68	10	14	93	14	14
19	3	0½	44	7	0½	69	11	0½	94	15	0½
20	3	3	45	7	3	70	11	3	95	15	3
21	3	5½	46	7	5½	71	11	5½	96	15	5½
22	3	8	47	7	8	72	11	8	97	15	8
23	3	10½	48	7	10½	73	11	10½	98	15	10½
24	3	13	49	7	13	74	11	13	99	15	13
25	4	0	50	8	0	75	12	0	100	1 lb.	